ORDER NO. SD7607-1100

Service Manual

FM/AM STEREO RECEIVER
SA-5560
(X), (XG), (XGH), (XSD), (XSW), (XE), (XAL)

TECHNICAL SPECIFICATIONS (IHF)

Specifications are subject to change without notice for further improvement.

AMPLIFIER SECTION

1kHz continuous power:	both channels driven	108W + 108W (4Ω) 93W + 93W (8Ω)
20Hz ~ 20kHz continuous power.	both channels driven	90W + 90W (4Ω) 85W + 85W (8Ω)
Power bandwidth:	both channles driven at 8Ω	10Hz ~ 40kHz, −3dB
Total harmonic distortion:		0.1% at rated power (20Hz ~ 20kHz) 0.05% at half power (1kHz)
Intermodulation distortion:		0.1%
Damping factor.		55 (8Ω), 27.5 (4Ω)
Input sensitivity and impedance:	PHONO	2.5mV/47kΩ
	AUX, TAPE 2 PLAYBACK	150mV/35kΩ
	TAPE 1 PLAYBACK, REC/PLAY input	180mV/40kΩ
PHONO maximum input voltage:	(1kHz. RMS)	150mV
S/N (IHF, A):	PHONO	78 dB
	AUX	95dB
Frequency response:	PHONO	RIAA Standard curve ±0.2dB
	AUX	20Hz ~ 20kHz, ±0.5dB
Tone controls:	BASS	50Hz, +13dB ~ −13dB
	TREBLE	10kHz +12dB ~ −12dB
Loudness control (volume at −30dB):		50Hz, +9dB
Output voltage:	TAPE 1 REC OUT	180mV
	TAPE 2 REC OUT	150mV
	TAPE 1 REC/PLAY output	30mV
High fillter:		7kHz −6dB/oct.
Low filter:		100Hz, −6dB/oct.

FM TUNER SECTION

Frequency range:	88 ~ 108MHz
Antenna terminals:	300Ω (balanced) 75Ω (unbalanced)
Sensitivity:	1.8μV
Total harmonic distortion.	MONO 0.15% STEREO 0.25%
S/N:	MONO 75dB STEREO 72dB
Frequency response:	20Hz ~ 15kHz, +0.2dB −0.8dB
Alternate channel selectivity:	70dB
Capture ratio:	1.5dB
Image rejection at 98MHz:	53dB
IF rejection at 98MHz:	80dB
AM suppression:	55dB
Stereo separation:	1kHz 45dB 10kHz 35dB
Leak carrier:	−65dB (19kHz) −75dB (38kHz)

AM TUNER SECTION

Frequency range:	525 ~ 1605kHz
Sensitivity:	30μV, 260μV/m
Selectivity:	22dB
Image rejection at 1000kHz:	47dB
IF rejection at 1000kHz:	40dB

GENERAL

Power consumption:	650W
Power supply:	110V/120V/220V/240V
Dimensions (W x H x D)	500 x 150 x 420mm (19-11/16" x 5-29/32 x 16-17/32")
Weight:	16kg (35 3 b.)

TECHNISCHE DATEN (DIN 45 500)

Spezifikationen können infolge von Verbesserungen ohne Ankündigung geändert werden.

VERSTÄRKERTEIL

RMS-Dauertonleistung bei 1kHz:		
beide Kanäle zusammen ausgesteuert		2 x 108W (4Ω) 2 x 93W (8Ω)
RMS-Dauertonleistung bei 20Hz ~ 20kHz:		
beide Kanäle zusammen ausgesteuert		2 x 90W (4Ω) 2 x 85W (8Ω)
Leistungsbandbreite (beide Kanäle zusammen ausgesteuerbei 4Ω):		10Hz ~ 40kHz, −3dB
Harmonische Verzerrungen:		
Nennleistung bei 40Hz ~ 16,000Hz, 4Ω		0.1%
Intermodulationsverzerrung:		
Nennleistung bei 250Hz: 8000Hz = 4 : 1 4Ω		0.1%
Dämpfungsfaktor:		55 (8Ω), 27.5 (4Ω)
Eingangsempfindlichkeit & Impedanz:	PHONO	2.5mV/47kΩ
	AUX, TAPE 2 PLAYBACK	150mV/35kΩ
	TAPE 1 PLAYBACK, REC/PLAY Wiedergabe	180mV/40kΩ
PHONO Maximale Eingangsspannungen: (1kHz RMS)		150mV
Fremdspannungsabstand:	Nennleistung PHONO	65dB
	AUX	80dB
	50mW Ausgangsleistung PHONO	50dB
	AUX	50dB
Frequenzgang:		20Hz ~ 20kHz, ±0.5dB
Klangregler:	BÄSSE	50Hz, +13dB ~ −13dB
	HÖHEN	10kHz, +12dB ~ −12dB
Gehörgerechte Lautstärkekorrektur (Lautstärke −30dB):		50Hz, +9dB
Ausgangsspannungen:	TAPE 1 REC OUT	180mV
	TAPE 1 REC/PLAY Aufnahme	30mV
	TAPE 2 REC OUT	150mV
Hochtonfilter:		7kHz, −6dB/oct.
Tieftonfilter:		100Hz, −6dB/oct.

UKW-TUNERTEIL

Empfangsbereich:	88 ~ 108MHz
Antennenanschluss:	300Ω (symmetrisch) 75Ω (asymmetrisch)
Empfindlichkeit:	1.8μV, 30dB Fremdspannungsabstand 300Ω 1.5μV, 20dB Fremdspannungsabstand 300Ω 1.3μV, 30dB Fremdspannungsabstand 75Ω 0 9μV, 20dB Fremdspannungsabstand 75Ω
Harmonische Verzerrung.	MONO 0.15% STEREO 0.25%
Fremdspannungsabstad	MONO 56dB STEREO 54dB
Frequenzgang:	20Hz ~ 15kHz, +0.2dB, −0.8dB
Selektivität:	70dB
Gleichwellen-Selektion:	1.5dB
Spiegelselektion bei 98MHz:	53dB
ZF-Festigkeit bei 98MHz:	80dB
AM-Unterdrückung:	55dB
Stereo Übersprechdämpfung:	45dB bei 1kHz, 35dB bei 10kHz
Trägerrest (19kHz, 30kHz):	−65dB bei 19kHz, −75dB bei 38kHz
Begrenzung, Einsatzpunkt:	1.0μV
Bandbreite:	ZF-Verstäker 250kHz UKW-Demodulator 1000kHz

AM-TUNERTEIL

Empfangsbereoich:	525 ~ 1605kHz
Empfindlichkeit:	30μV, 260μV/m
Selektivität:	22dB
Spiegelselektion bei 1000kHz:	47dB
ZF-Festigkeit bei 1000kHz:	40dB

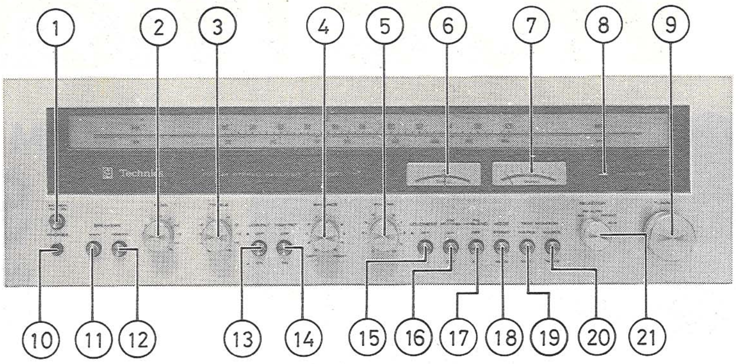
ALLGEMEINE DATEN

Leistungsaufnahme:	650W
Netzspannung umschaltbar:	110V/120V/220V/240V
Abmessungen (B x H x T):	500 x 150 x 420mm
Gewicht:	16kg

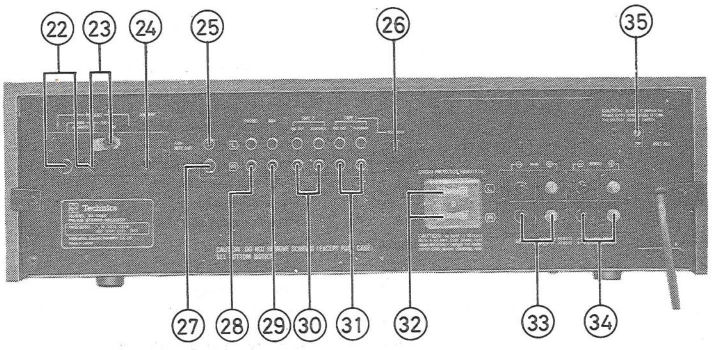
Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

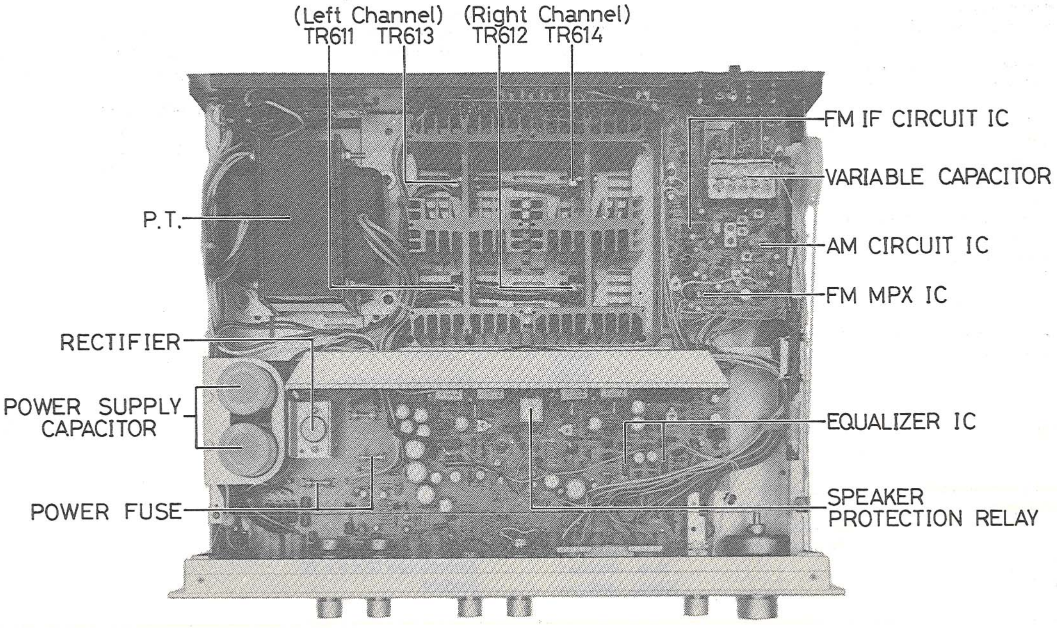
■ LOCATION OF CONTROLS


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

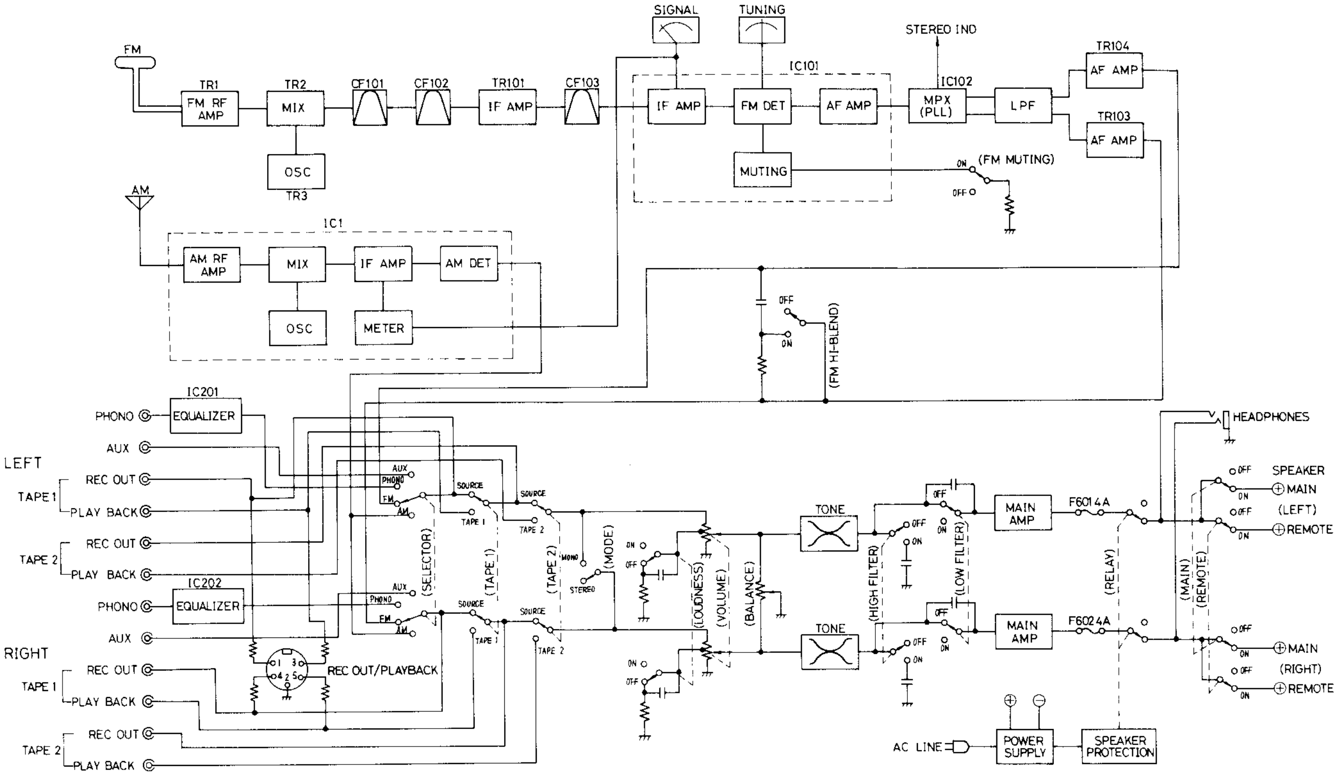
① POWER SWITCH
② BASS CONTROL
③ TREBLE CONTROL
④ BALANCE CONTROL
⑤ VOLUME CONTROL
⑥ FM TUNING METER
⑦ FM/AM SIGNAL METER
⑧ FM STEREO INDICATOR
⑨ TUNING CONTROL
⑩ HEADPHONES JACK
⑪ MAIN SPEAKER SWITCH
⑫ REMOTE SPEAKER SWITCH
⑬ LOW FILTER SWITCH
⑭ HIGH FILTER SWITCH
⑮ LOUDNESS SWITCH
⑯ FM MUTING SWITCH
⑰ FM HI-BLEND SWITCH
⑱ MODE SWITCH
⑲ TAPE MONITOR (TAPE 1) SWITCH
⑳ TAPE MONITOR (TAPE 2) SWITCH
㉑ SELECTOR SWITCH


22
23
24
25
26
35
27
28
29
30
31
32
33
34

㉒ FM ANTENNA TERMINALS (300Ω)
㉓ FM ANTENNA TERMINALS (75Ω)
㉔ AM ANTENNA TERMINAL
㉕ 4CH MPX OUTPUT TERMINAL
㉖ REC/PLAY (TAPE 1) SOCKET
㉗ GROUND TERMINAL
㉘ PHONO INPUT TERMINALS
㉙ AUX INPUT TERMINALS
㉚ TAPE DECK 2 CONNECTION TERMINALS
㉛ TAPE DECK 1 CONNECTION TERMINALS
㉜ SPEAKER CIRCUIT PROTECTION FUSES
㉝ MAIN SPEAKER TERMINALS
㉞ REMOTE SPEAKER TERMINALS
㉟ VOLTAGE ADJUSTER
(Except Set for Australia [XAL])

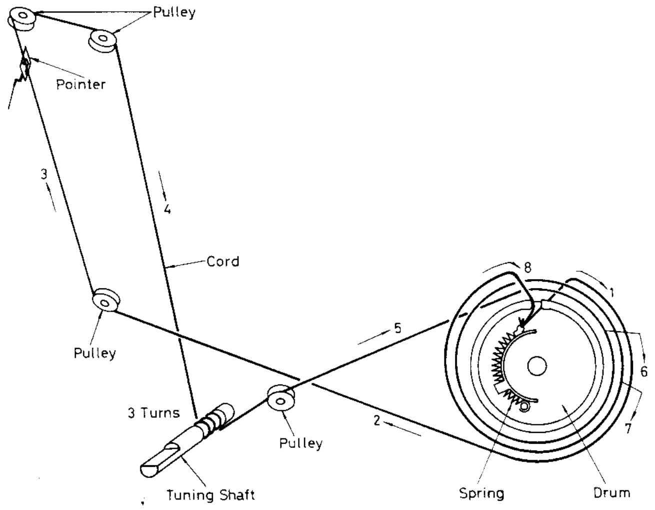

(Left Channel)
TR611 TR613
(Right Channel)
TR612 TR614
FM IF CIRCUIT IC
VARIABLE CAPACITOR
P.T.
AM CIRCUIT IC
FM MPX IC
RECTIFIER
POWER SUPPLY CAPACITOR
EQUALIZER IC
POWER FUSE
SPEAKER PROTECTION RELAY

■ BLOCK DIAGRAM


FM
TR1
FM RF AMP
TR2
MIX
OSC
TR3
CF101
CF102
TR101
IF AMP
CF103
SIGNAL
TUNING
IC101
IF AMP
FM DET
AF AMP
MUTING
STEREO IND
IC102
MPX (PLL)
LPF
TR104
AF AMP
TR103
AF AMP
ON (FM MUTING)
OFF
AM
IC1
AM RF AMP
MIX
IF AMP
AM DET
OSC
METER
OFF
ON
(FM HI-BLEND)
IC201
PHONO
EQUALIZER
AUX
LEFT
TAPE 1
REC OUT
PLAY BACK
TAPE 2
REC OUT
PLAY BACK
IC202
PHONO
EQUALIZER
AUX
RIGHT
TAPE 1
REC OUT
PLAY BACK
TAPE 2
REC OUT
PLAY BACK
REC OUT/PLAYBACK
AUX
PHONO
FM
AM
SOURCE
TAPE 1
TAPE 2
(SELECTOR)
(TAPE 1)
(TAPE 2)
MONO
STEREO
(MODE)
ON
OFF
(LOUDNESS)
(VOLUME)
(BALANCE)
TONE
(HIGH FILTER)
(LOW FILTER)
MAIN AMP
F6014A
F6024A
(RELAY)
HEADPHONES
(MAIN)
(REMOTE)
SPEAKER
⊕MAIN
(LEFT)
⊕REMOTE
⊕MAIN
(RIGHT)
⊕REMOTE
AC LINE
POWER SUPPLY
SPEAKER PROTECTION

■ DIAL CORD INSTALLATION GUIDE

1. Dial cord length is 91¼" (230cm).
2. Tuning gang is positioned at maximum capacity. (Frequency is minimum)
3. Arrow marks (1 ~ 8) indicated correct order and direction of stringing dial cord.


Pulley
Pointer
3
4
Cord
8
1
5
Pulley
6
7
2
3 Turns
Pulley
Tuning Shaft
Spring
Drum

■ TO REMOVE CABINET

1. Loosen two (2) metal clamp-mounting screws, nos. ① and ② as shown in fig. 1.
2. Remove four (4) cabinet-mounting screws, nos. ③ ~ ⑥ as shown in fig. 2.
3. Remove cabinet from chassis in arrow direction 1 to 2, as shown in fig. 2.
4. To reassemble, reverse above procedure.

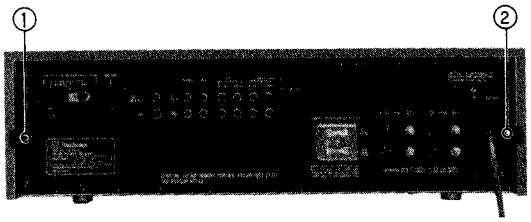


Fig. 1

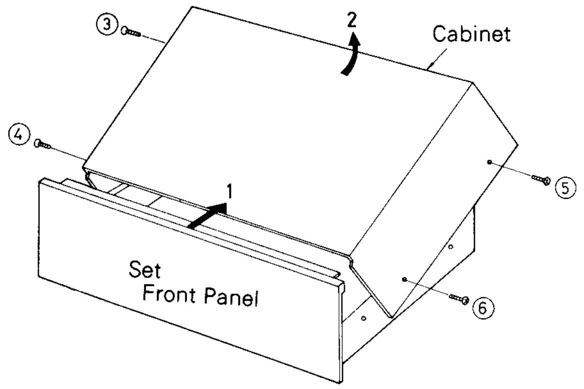
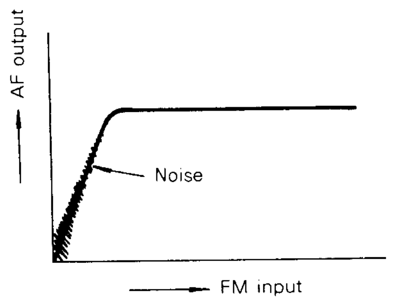

③
2
Cabinet
④
1
⑤
Set
Front Panel
⑥

Fig. 2

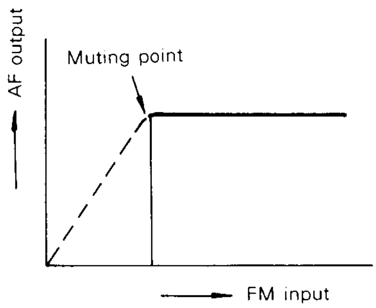
SERVICE AID

FM soft muting

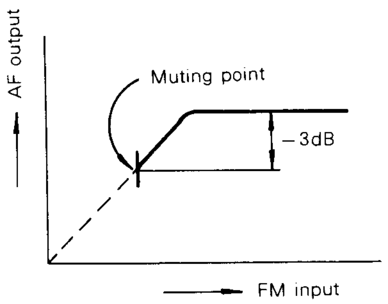
When moving the tuning point away from the point of maximum output (optimum tuning) the signal output gradually decreases until it reaches zero output. (between stations.) In conventional muting circuits a sharp "popping" noise is heard when tuning, due to the sudden (switch-like) action of the muting circuit from zero signal to full output. This "Soft muting" circuit lets the sound fade more gradually, making it more natural and pleasant to listen to.



Without muting



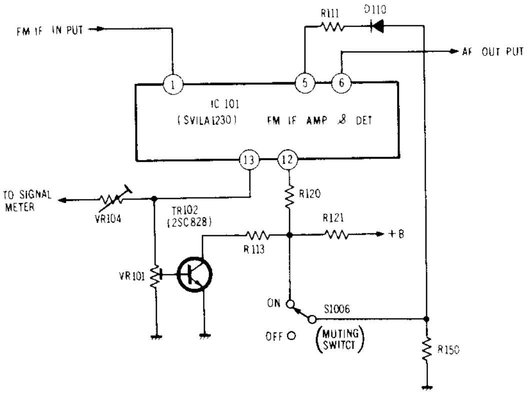
Conventional muting

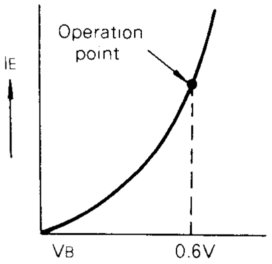


Soft muting

Circuitry principles

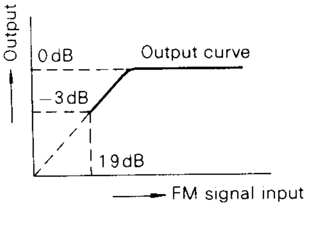
This circuit makes use of the V_{BE} characteristics of TR102 (2SC828). (Refer to fig. 1.) The detected voltage from the FM IF input signal is applied to the base of TR102. When the FM input signal increases this voltage increases, causing the emitter current, to increase, which, in turn, decreases the collector voltage of TR102, making the collector voltage approache ground potential. Because the collector of TR102 is connected to the IC101 IF amplifier through the muting switch, a change in the collector voltage will control the output of the IC101 IF amplifier. When the FM input signal increases to the point that the base voltage of TR102 reaches its operating point (about 0.6V), the output of IC101 reaches maximum.





V_{BE} curve of TR102

Fig. 1.



FM input vs. AF output curve

Fig. 2

FM RF ALIGNMENT INSTRUCTIONS ..... Only Set for Germany

ABGLEICHANWEISUNGEN.........VOR DEM ABGLEICH SORGFÄLTIG DURCHLESEN					
MESSENDER		SKALENZEIGER-EINSTELLUNG DES EMPFÄNGERS [ABSTAND]	ANGEIGE (RÖHRENVOLTMETER ODER OSZILLOGRAPH)	ABGLEICH	BEMERKUNGEN
SCHALTUNG	FREQUENZ				
			FM HF-ABGLEICH		
Anschluß an den FM Antennenanschluß über die künstliche. FM Antenne (Vgl. Abb. 1)	87.5MHz (100% Mod bei 400Hz)	87.5MHz [0mm]	Output meter über Lautsprecher-schwingspule anschließen.	L5 (Oszillatorspule)	Auf max. Ausgang abgleichen
"	90MHz (")	90MHz (17.2mm)	"	L3 (Zwischenkreis) L2 (Antennenspule)	"
"	106MHz (")	106MHz (174.1mm)	"	CT3 (OSZ. Trimmer) CT2 (DET. Trimmer) CT1 (ANT. Trimmer)	"

■ ALIGNMENT INSTRUCTIONS

MAIN AMP (Icq) ALIGNMENT

Notes:
1. The "Icq" adjustment should be started about 5 minutes after setting the power switch to the ON position.
2. Speakers switch to OFF position.

1
1 Connect DC VTVM between TP602 and TP603 (Left channel), TP604 and TP605 (Right channel)
2 Adjust VR601 (Left channel) and VR602 (Right channel) to 12mV on DC VTVM indication.

Notes:
1. Muting switch .... OFF
2. Band selector switch............AM/FM AUTO (FM, RF, FM-IF)
3. 300Ω FM dummy antenna............................Refer to fig. 3.
4. Speaker switch...ON
5. Mode switch.................................... MONO
6. Maintain line voltage at rated voltage.
7. Output of signal generator should be no higher than necessary to obtain an output reading.

	SIGNAL GENERATOR or SWEEP GENERATOR		DIAL SETTING [DISTANCE]	INDICATOR (VTVM or SCOPE) (DISTORTION METER)	ADJUSTMENT POINTS	REMARKS
	CONNECTION	FREQUENCY				
	AM ALIGNMENT					
2	High side through 0.001μF to **AM** antenna trimmer terminal. Common to chassis.	455kHz (Set for England to 470KHz)	Point of non-inter-ference	Connect vertical amplifier of scope to **TP1.** through 0.1μF.	T1 (1st IFT) (P) T2 (2nd IFT) (S) T3 (IF Trap)	Adjust for maximum output.
3	Fashion loop of several turns of wire and radiate signal into loop of tuner.	600kHz (30% Mod. with 400Hz)	600kHz [1 7/32" (31.5mm)]	Connect VTVM or scope to speaker terminal of receiver.	L6 (OSC Coil) L8 (ANT Coil)	Adjust for maximum output, Adjust L8 by moving coil bobbin. along territe core.
4	Fashion loop of several turns of wire and radiate signal into loop of tuner.	1500kHz (30% Mod. with 400Hz)	1500kHz [7 3/32" (180.1mm)]	Connect VTVM or scope to speaker terminal of receiver.	CT5 (OSC Trimmer) CT4 (ANT Trimmer)	Adjust for maximum output. Repeat steps (3) and (4).
	FM-IF ALIGNMENT					
5		No Signal	Point of non-inter-ference.	Tuning meter of set.	T101 (DISCRI IFT)(A) Orange Core	Adjust for center position of tuning meter.
	FM-RF ALIGNMENT					
6	Connect to FM antenna terminal through FM dummy antenna.	90MHz (100% Mod. with 400Hz)	90MHz [3/4" (19.2mm)]	Connect VTVM or scope to speaker terminal of receiver.	L5 (OSC Coil) L3 (DET Coil) L2 (ANT Coil)	Adjust for maximum output.
7	Connect to FM antenna terminal through FM dummy antenna.	106MHz (100% Mod. with 400Hz)	106MHz [6 15/16" (176.2mm)]	Connect VTVM or scope to speaker terminal of receiver.	CT3 (OSC Trimmer) CT2 (DET Trimmer) CT1 (ANT Trimmer)	Adjust for maximum output. Repeat steps (6) and (7).
	FM MONO DISTORTION ALIGNMENT					
8	Connect to FM antenna terminal through FM dummy antenna.	100MHz (100% Mod. with 400Hz)	100MHz	Connect distortion meter to speaker terminal of receiver.	T101 (DISCRI IFT)(B) Green Core	Adjust for minimum distortion meter indication.

FM SIGNAL METER ALIGNMENT

9
① Apply 100MHz FM signal of 100 dB, 400Hz 30% modulation to FM antenna terminal through FM dummy antenna.
② Tuning 100MHz for maximum output by speaker terminal.
③ Adjust **VR104** for about 4.7 point of signal meter indication.

SOFT MUTING LEVEL ALIGNMENT .... Refer to SERVICE AID on page 4.

10
① Muting switch to "off".
② Apply a 60 dB (1mV) mono RF FM signal to the antenna terminals.
③ Adjust Volume Control of receiver to indicate 0 dB on meter across speaker terminals.
④ Muting switch to "on".
⑤ Reduce FM signal to 19 dB (9μV).
⑥ Adjust **VR101** to **−3 dB** on output meter. Refer to fig. 6.

FM MPX PILOT ALIGNMENT

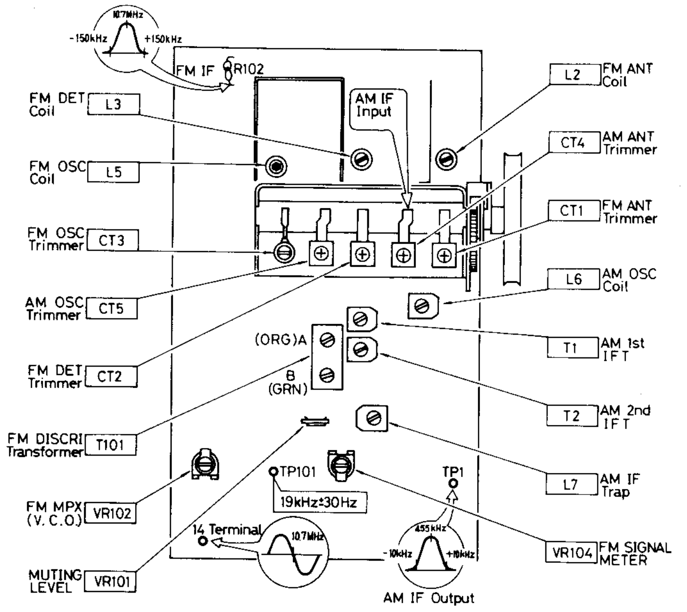
	Using a frequency counter	Using alternate system
11	① 98MHz Non-modulated mono signal applied to set. ② Muting switch to "on". ③ Connect frequency counter to **TP101** through resistor (100kΩ). ④ Adjust **VR102** to 19kHz ±30Hz.	① Apply stereo signal from generator or stereo station to receiver. ② Adjust **VR102** until stereo indicator lights up. Cement arm of **VR102** as shown in fig. 4.

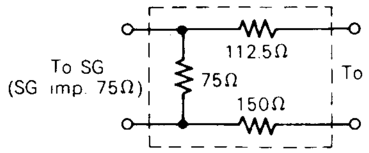
STEREO SEPARATION ALIGNMENT

Note:
1. Stereo modulator .... Connect stereo modulator output to EXT. MOD. terminal of signal generator. Internal OSC.................... 1kHz Pilot signal modulation................. 10%
2. Signal generator .... Frequency approximately 98MHz. Output level 72 dB (IHF). Modulation mode to FM.
3. Band selector switch .... FM AUTO
4. Mode switch......................... STEREO

	SIGNAL GENERATOR CONNECTION	STEREO MODULATOR MODE and MOD. RATE	INDICATOR (VTVM or SCOPE)	ADJUSTMENT POINTS	REMARKS
12	FM antenna terminal through dummy antenna.	L (and R) 30% Modulation.	Connect VTVM or scope to speaker terminals through low pass filter. Refer to fig. 5.	VR103	Adjust for minimum right (and left) output.

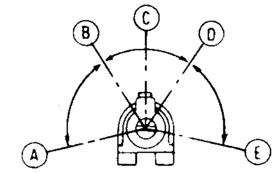
• Alignment Points (FM/AM RF & IF Circuit)


10.7MHz
-150kHz
+150kHz
FM IF
R102
FM DET Coil
L3
FM OSC Coil
L5
FM OSC Trimmer
CT3
AM OSC Trimmer
CT5
FM DET Trimmer
CT2
FM DISCRI Transformer
T101
FM MPX (V. C. O.)
VR102
MUTING LEVEL
VR101
AM IF Input
(ORG)A
B (GRN)
TP101
19kHz±30Hz
14 Terminal
10.7MHz
TP1
455kHz
-10kHz
+10kHz
AM IF Output
L2 FM ANT Coil
CT4 AM ANT Trimmer
CT1 FM ANT Trimmer
L6 AM OSC Coil
T1 AM 1st IFT
T2 AM 2nd IFT
L7 AM IF Trap
VR104 FM SIGNAL METER


To SG
(SG imp. 75Ω)
112.5Ω
75Ω
150Ω
To Receiver

300Ω FM Dummy Antenna

Fig. 3

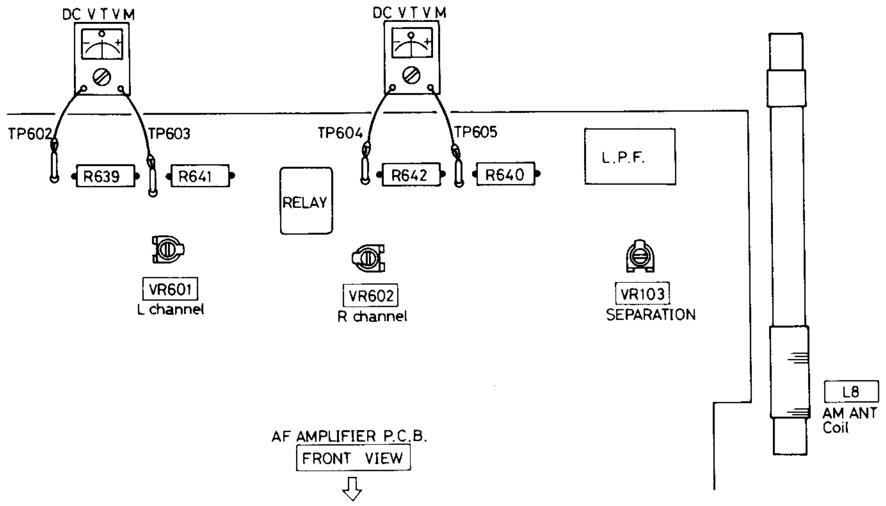


VR102

Ⓐ~Ⓑ, Ⓓ~Ⓔ: Stereo OFF Position
Ⓑ~Ⓓ: Stereo ON Position (Indicator Lighting)
Ⓒ: Adjust Point of Pilot Circuit.

Fig. 4

• Alignment Points (AF Amplifier Circuit)


DC V T V M
DC V T V M
TP602
TP603
TP604
TP605
R639
R641
R642
R640
RELAY
L.P.F.
VR601
L channel
VR602
R channel
VR103
SEPARATION
L8
AM ANT Coil
AF AMPLIFIER P.C.B.
FRONT VIEW

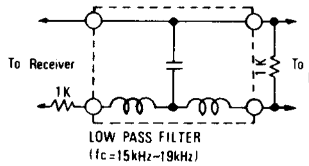
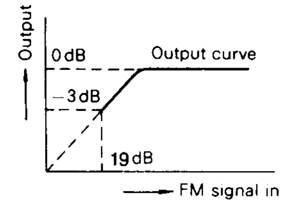

To Receiver
1K
To Output Meter
LOW PASS FILTER
(fc=15kHz~19kHz)

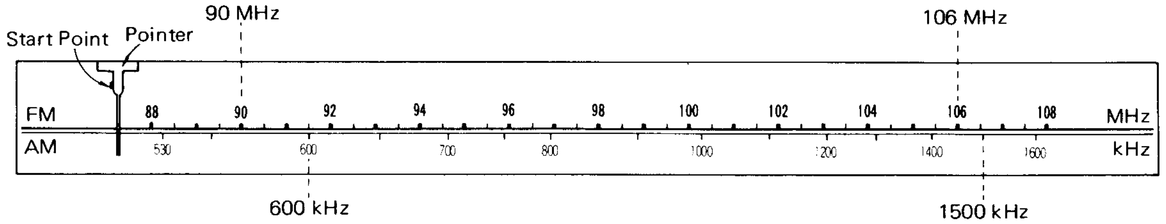
Fig. 5



FM input vs AF output curve

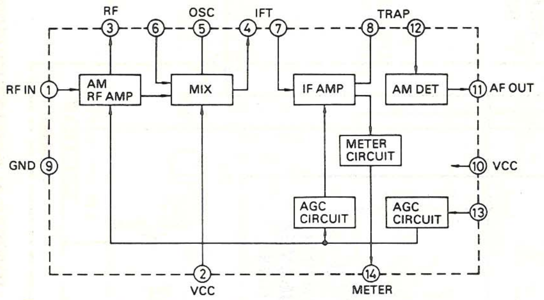
Fig. 6

• Dial Scale and Start Point of Dial Pointer

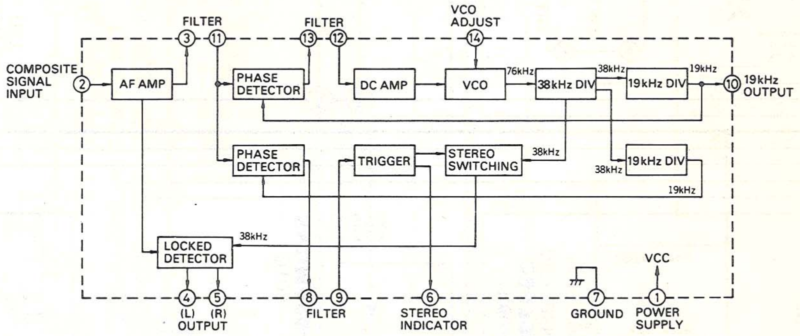

90 MHz
106 MHz
Start Point
Pointer
FM
88
90
92
94
96
98
100
102
104
106
108
MHz
AM
530
600
700
800
1000
1200
1400
1600
kHz
600 kHz
1500 kHz

■ BLOCK DIAGRAM OF INTEGRATED CIRCUIT

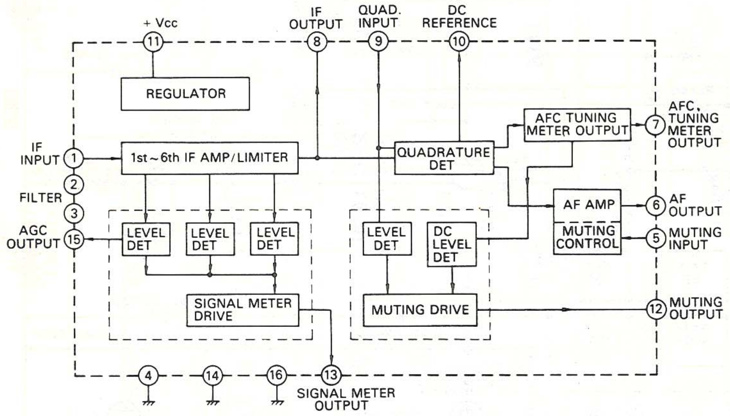
• IC1 (SVIHA1151)
AM RF, OSC, MIX, IF AMP & AM DETECTOR CIRCUIT


RF
OSC
IFT
TRAP
RF IN
AM RF AMP
MIX
IF AMP
AM DET
AF OUT
METER CIRCUIT
VCC
GND
AGC CIRCUIT
AGC CIRCUIT
VCC
METER

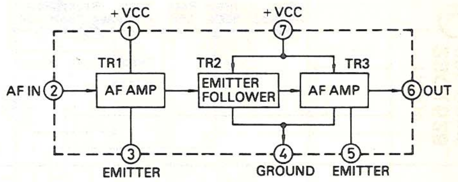
• IC102 (SVIHA1156)
FM MULTIPLEX CIRCUIT


FILTER
FILTER
VCO ADJUST
COMPOSITE SIGNAL INPUT
AF AMP
PHASE DETECTOR
DC AMP
VCO
76kHz
38kHz DIV
38kHz
19kHz DIV
19kHz
19kHz OUTPUT
PHASE DETECTOR
TRIGGER
STEREO SWITCHING
38kHz
19kHz DIV
38kHz
19kHz
LOCKED DETECTOR
38kHz
VCC
(L) (R) OUTPUT
FILTER
STEREO INDICATOR
GROUND
POWER SUPPLY

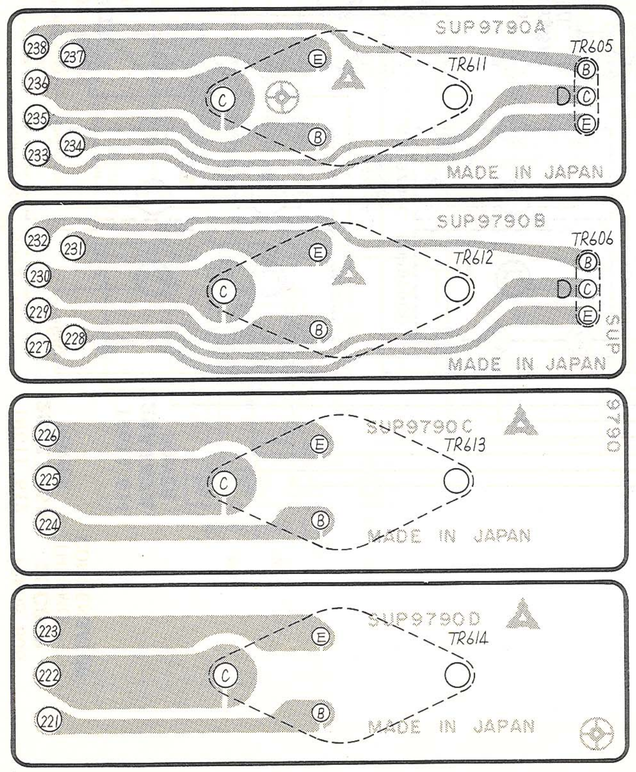
• IC101 (SVILA1230)
FM IF AMP, FM DETECTOR & MU TING CIRCUIT


+ Vcc
IF OUTPUT
QUAD. INPUT
DC REFERENCE
REGULATOR
AFC TUNING METER OUTPUT
AFC, TUNING METER OUTPUT
IF INPUT
1st ~ 6th IF AMP/LIMITER
QUADRATURE DET
FILTER
AF AMP
AF OUTPUT
AGC OUTPUT
LEVEL DET
LEVEL DET
LEVEL DET
LEVEL DET
DC LEVEL DET
MUTING CONTROL
MUTING INPUT
SIGNAL METER DRIVE
MUTING DRIVE
MUTING OUTPUT
SIGNAL METER OUTPUT

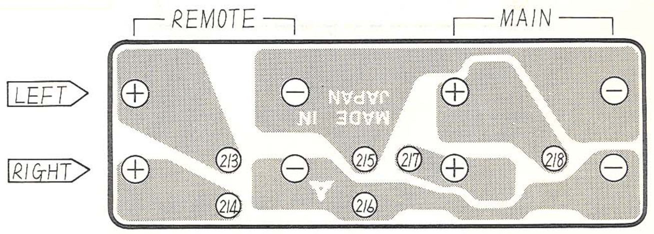
• IC201, 202 (SVITA7129P)
EQUALIZER AMPLIFIER


+VCC
+VCC
TR1
TR2
TR3
AF IN
AF AMP
EMITTER FOLLOWER
AF AMP
OUT
EMITTER
GROUND
EMITTER

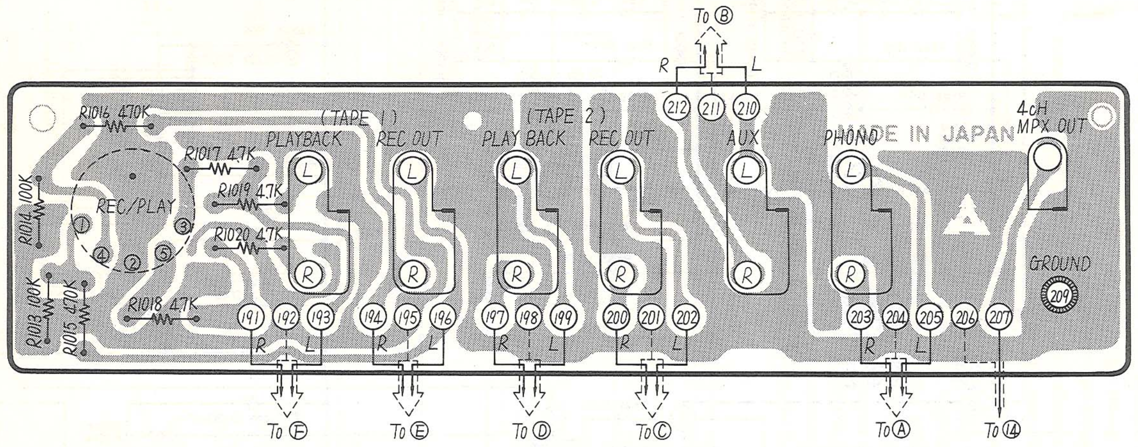
■ POWER TRANSISTOR CIRCUIT BOARD


SUP9790A
TR611
TR605
MADE IN JAPAN
SUP9790B
TR612
TR606
MADE IN JAPAN
SUP9790C
TR613
MADE IN JAPAN
SUP9790D
TR614
MADE IN JAPAN

■ SPEAKERS TERMINAL CIRCUIT BOARD

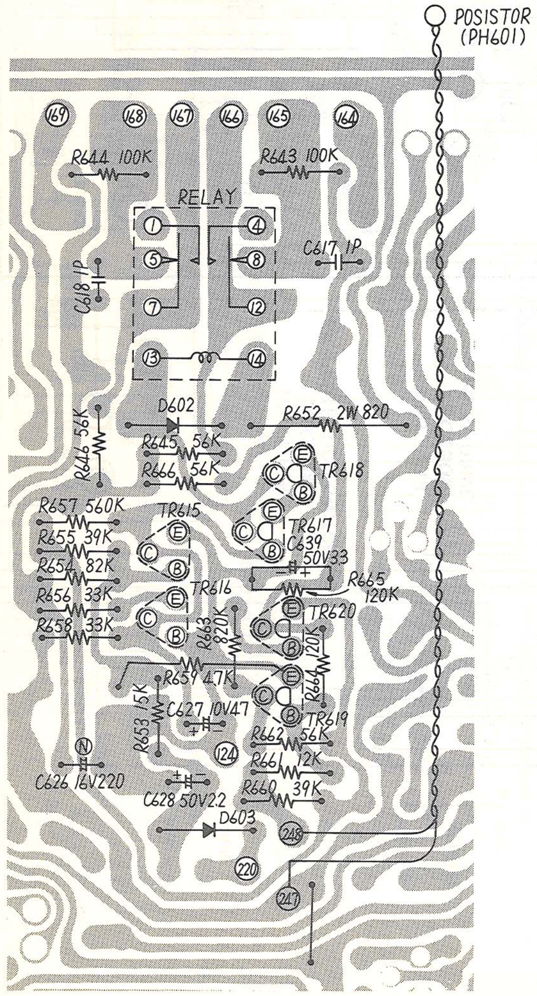

REMOTE
MAIN
LEFT
RIGHT
MADE IN JAPAN

■ INPUT & TAPE DECK CONNECTION TERMINAL CIRCUIT BOARD

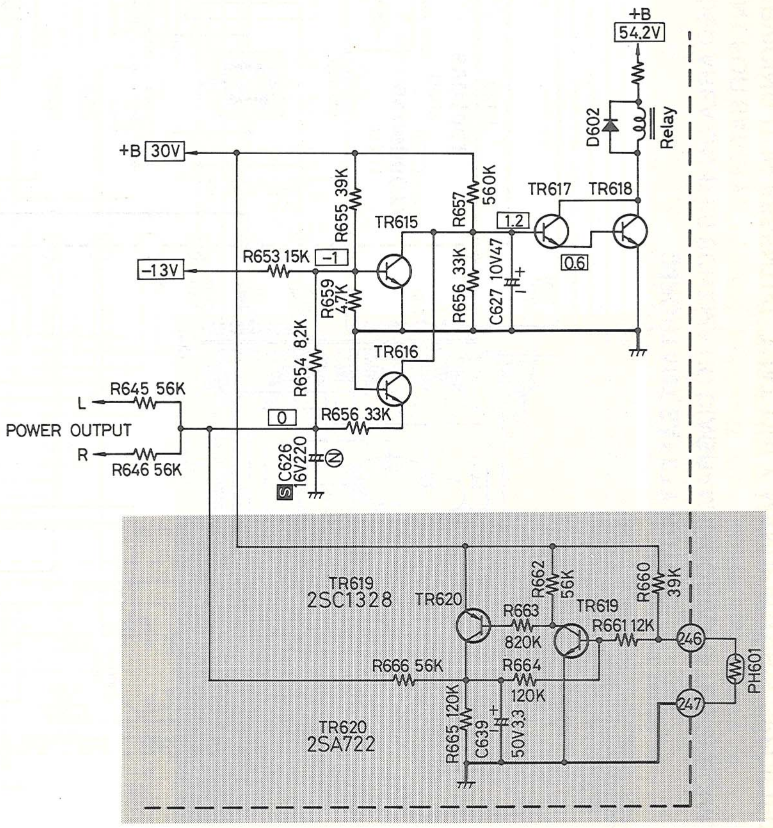

To Ⓑ
R
L
R1016 470K
(TAPE 1)
PLAYBACK
REC OUT
(TAPE 2)
PLAY BACK
REC OUT
AUX
PHONO
MADE IN JAPAN
4cH MPX OUT
R1017 4.7K
R1019 4.7K
R1020 4.7K
REC/PLAY
R1014 100K
R1013 100K
R1015 470K
R1018 4.7K
GROUND
To Ⓕ
To Ⓔ
To Ⓓ
To Ⓒ
To Ⓐ
To ⑭

■ SPEAKER PROTECTION CIRCUIT .... Only Set for England (XE)

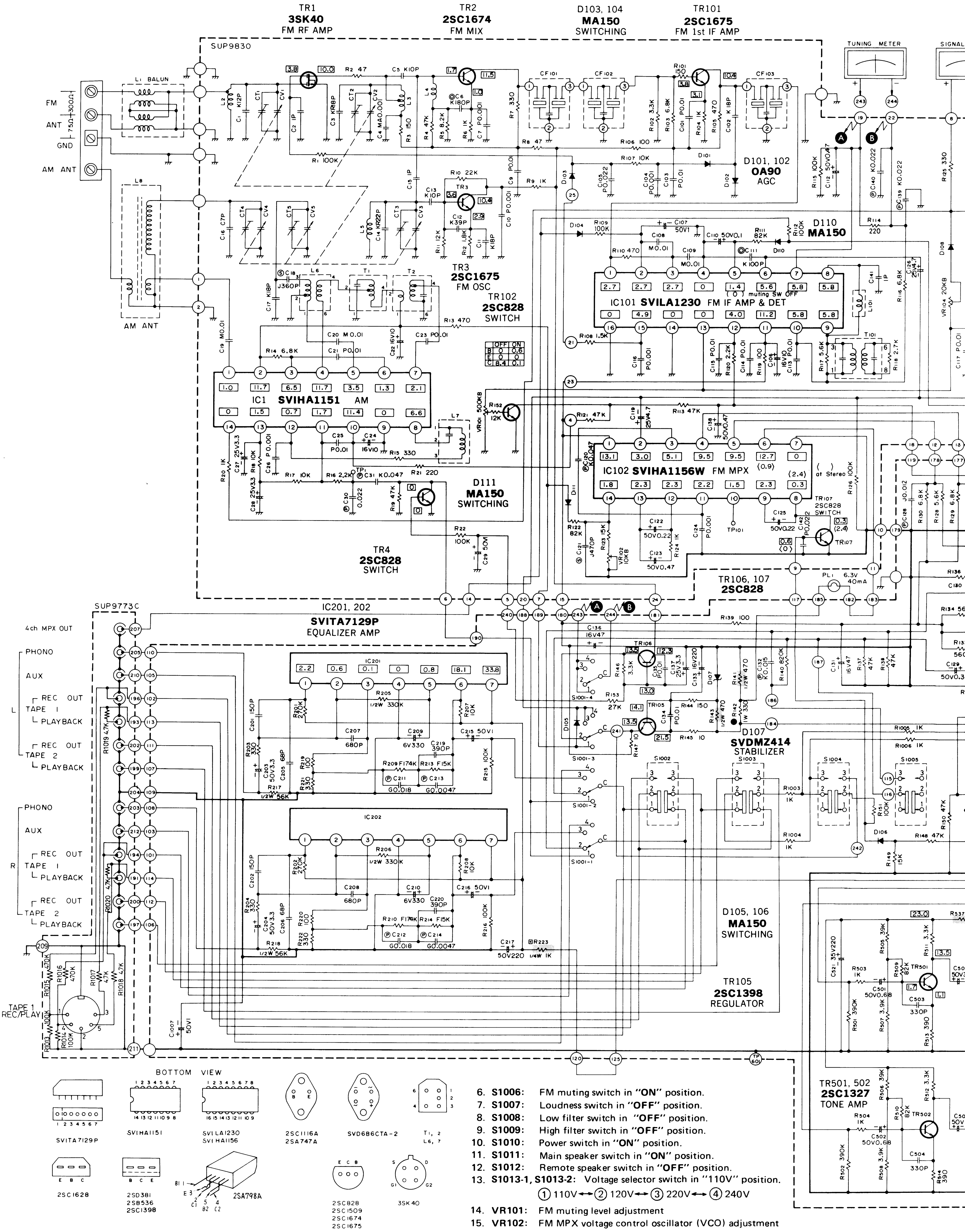
- **Printed Circuit Board**


POSISTOR (PH601)
R644 100K
R643 100K
RELAY
C618 1P
C617 1P
D602
R652 2W 820
R644 56K
R645 56K
R646 56K
TR618
R657 560K
TR615
TR617
R655 39K
C639 50V33
R654 82K
R665 120K
R656 33K
TR616
R658 33K
TR620
R663 820K
R664 120K
R653 15K
R659 4.7K
C627 10V47
TR619
R662 56K
R661 12K
C626 16V220
R660 39K
C628 50V22
D603

- **Schematic Diagram**


+B
54.2V
D602
Relay
+B 30V
R655 39K
R657 560K
TR617
TR618
TR615
1.2
-13V
R653 15K
-1
0.6
R659 4.7K
R656 33K
C627 10V47
TR616
R654 82K
R645 56K
L
POWER OUTPUT
R
R646 56K
0
R656 33K
C626 16V220
TR619 2SC1328
TR620
R662 56K
R660 39K
R663 820K
TR619
R661 12K
R666 56K
R664 120K
PH601
TR620 2SA722
R665 120K
C639 50V33

Schematic Diagram......Model SA-5560 (X), (XG), (XGH), (XSD), (XSW) (This schematic diagram may be modified at any time


TR1
3SK40
FM RF AMP
TR2
2SC1674
FM MIX
D103, 104
MA150
SWITCHING
TR101
2SC1675
FM 1st IF AMP
SUP9830
TUNING METER
SIGNAL
FM ANT 75Ω 300Ω
GND
AM ANT
L1 BALUN
L8
AM ANT
D101, 102
OA90
AGC
D110
MA150
TR3
2SC1675
FM OSC
TR102
2SC828
SWITCH
IC101 SVILA1230 FM IF AMP & DET
muting SW OFF
IC1 SVIHA1151 AM
IC102 SVIHA1156W FM MPX
at Stereo
TR107
2SC828
SWITCH
D111
MA150
SWITCHING
TR4
2SC828
SWITCH
TR106, 107
2SC828
PL1 6.3V 40mA
SUP9773C
IC201, 202
SVITA7129P
EQUALIZER AMP
4ch MPX OUT
PHONO
AUX
L
REC OUT
TAPE 1
PLAYBACK
REC OUT
TAPE 2
PLAYBACK
PHONO
AUX
R
REC OUT
TAPE 1
PLAYBACK
REC OUT
TAPE 2
PLAYBACK
TAPE 1 REC/PLAY
IC201
IC202
TR106
TR105
D107
SVDMZ414
STABILIZER
S1001-4
S1001-3
S1001-2
S1001-1
S1002
S1003
S1004
S1005
D105, 106
MA150
SWITCHING
TR105
2SC1398
REGULATOR
TR501, 502
2SC1327
TONE AMP
BOTTOM VIEW
SVITA7129P
SVIHA1151
SVILA1230
SVIHA1156
2SC1116A
2SA747A
SVD686CTA-2
T1, 2
L6, 7
2SC1628
2SD381
2SB536
2SC1398
2SA798A
2SC828
2SC1509
2SC1674
2SC1675
3SK40

6. **S1006:** FM muting switch in **"ON"** position.
7. **S1007:** Loudness switch in **"OFF"** position.
8. **S1008:** Low filter switch in **"OFF"** position.
9. **S1009:** High filter switch in **"OFF"** position.
10. **S1010:** Power switch in **"ON"** position.
11. **S1011:** Main speaker switch in **"ON"** position.
12. **S1012:** Remote speaker switch in **"OFF"** position.
13. **S1013-1, S1013-2:** Voltage selector switch in "110V" position.
    ① 110V ↔ ② 120V ↔ ③ 220V ↔ ④ 240V
14. **VR101:** FM muting level adjustment
15. **VR102:** FM MPX voltage control oscillator (VCO) adjustment
16. **VR103:** FM separation adjustment
17. **VR104:** FM signal meter adjustment
18. **VR501:** Bass control
19. **VR502:** Treble control
20. **VR601, 602:** Power transistor ICQ adjustment
21. **VR1001:** Volume control
22. **VR1002:** Balance control

Notes:

1. **S1001-1~S1001-4:** Selector switch in **"FM AUTO"** position.
   ① AM ↔ ② FM AUTO ↔ ③ PHONO ↔ ④ AUX
2. **S1001:** Tape monitor (TAPE 1) switch in **"SOURCE"** position.
3. **S1003:** Tape monitor (TAPE 2) switch in **"SOURCE"** position.
4. **S1004:** Mode switch in **"STEREO"** position.
5. **S1005:** FM hi-blend switch in **"OFF"** position.

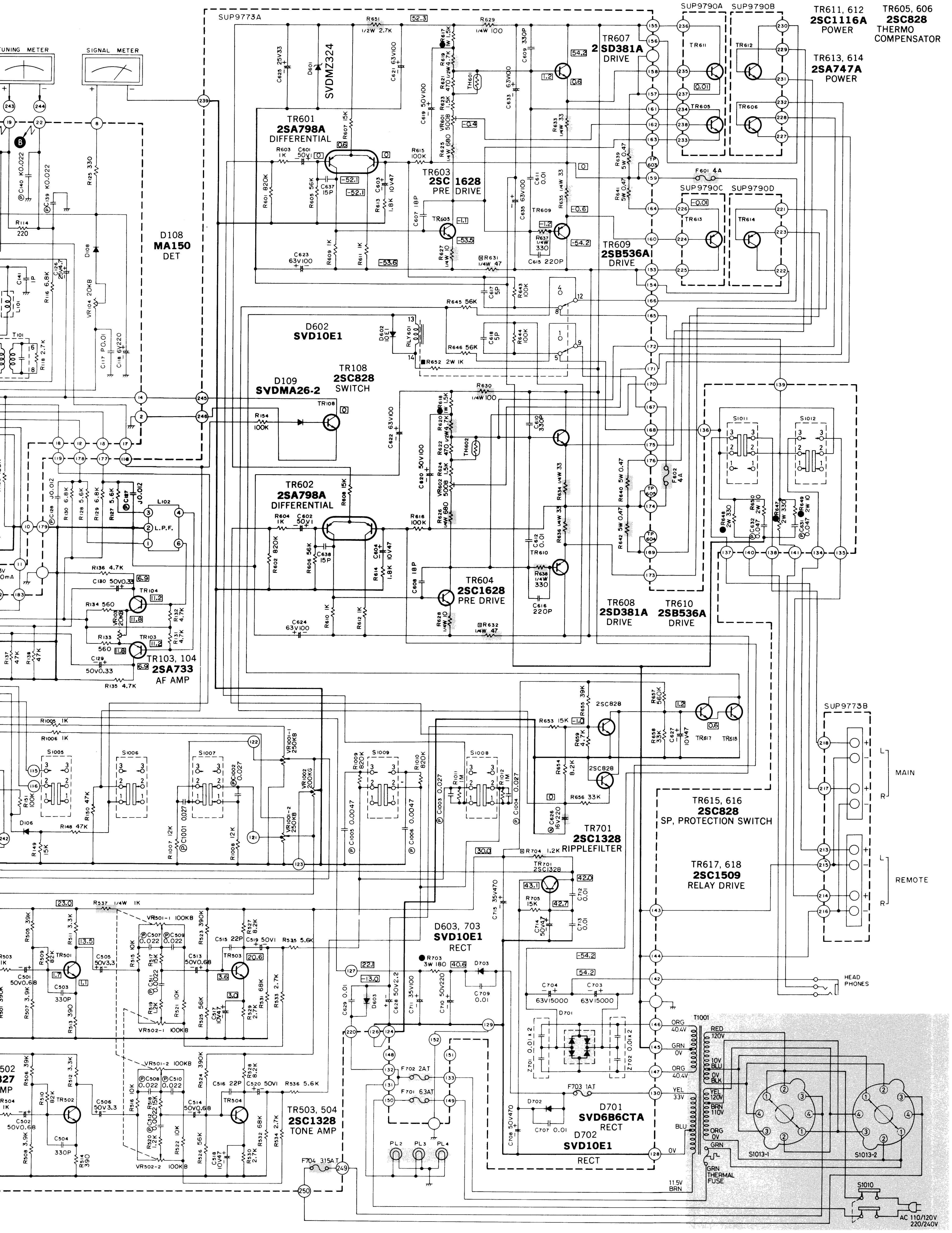
23. DC voltage measure

▭ .... FM

〈 〉 .... FM

( ) .... FM

be modified at any time with the development of new technology)


SUP9773A
SUP9790A
SUP9790B
SUP9790C
SUP9790D
SUP9773B
TUNING METER
SIGNAL METER
TR611, 612
2SC1116A
POWER
TR605, 606
2SC828
THERMO COMPENSATOR
TR613, 614
2SA747A
POWER
TR607
2SD381A
DRIVE
TR601
2SA798A
DIFFERENTIAL
SVDMZ324
TR603
2SC1628
PRE DRIVE
TR609
2SB536A
DRIVE
D108
MA150
DET
D602
SVD10E1
D109
SVDMA26-2
TR108
2SC828
SWITCH
TR602
2SA798A
DIFFERENTIAL
TR604
2SC1628
PRE DRIVE
TR608
2SD381A
DRIVE
TR610
2SB536A
DRIVE
TR103, 104
2SA733
AF AMP
L.P.F.
F601 4A
F602 4A
TR615, 616
2SC828
SP, PROTECTION SWITCH
TR617, 618
2SC1509
RELAY DRIVE
TR701
2SC1328
RIPPLEFILTER
D603, 703
SVD10E1
RECT
D701
SVD6B6CTA
RECT
D702
SVD10E1
RECT
TR503, 504
2SC1328
TONE AMP
MAIN
REMOTE
HEAD PHONES
T1001
S1013-1
S1013-2
S1010
GRN THERMAL FUSE
AC 110/120V 220/240V
F701 63AT
F702 2AT
F703 1AT
F704 315AT
PL2
PL3
PL4

23. DC voltage measurements are taken with DC voltmeter from chassis ground.

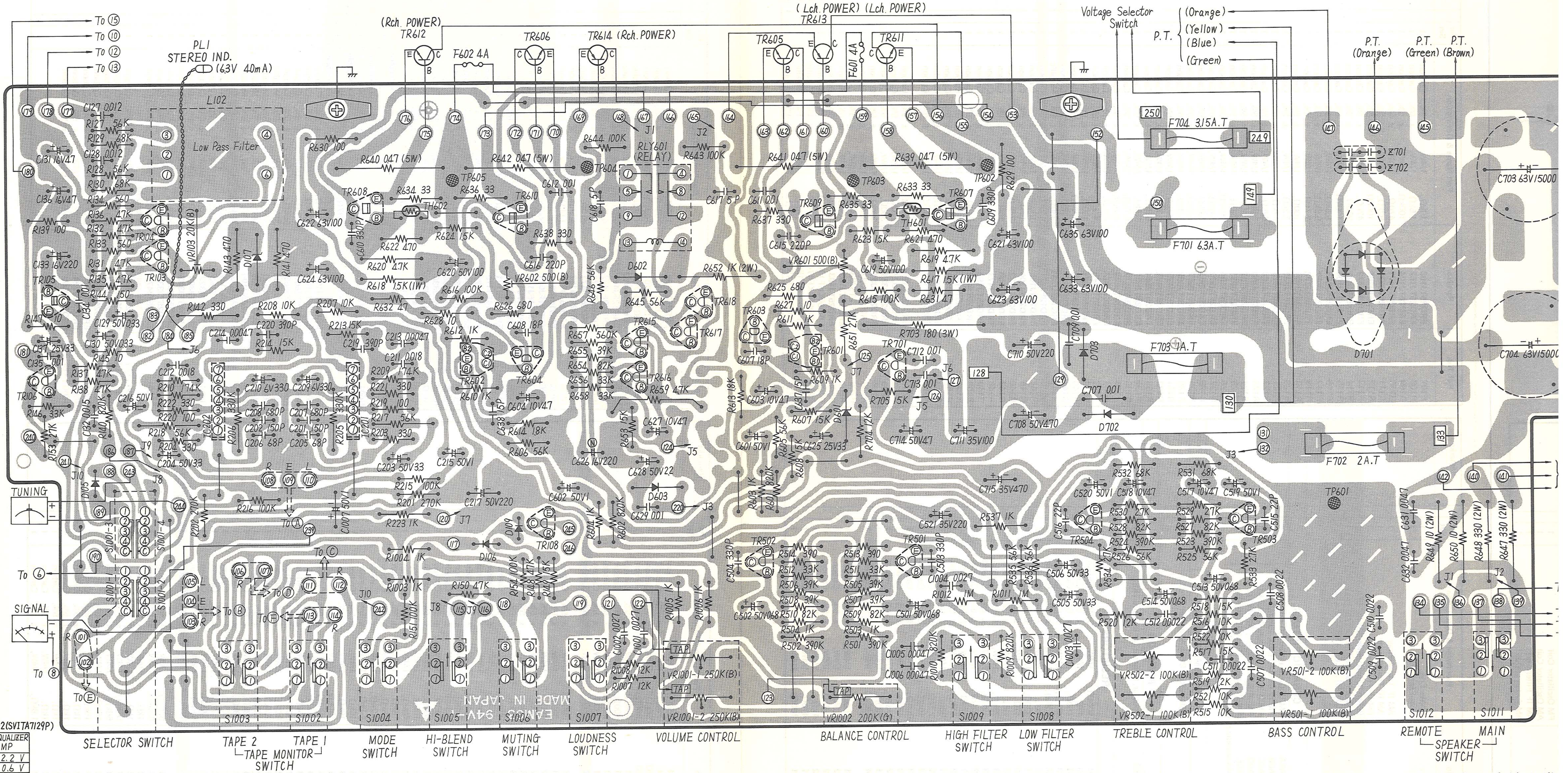
▭ .... FM/AM non signal condition
⟨ ⟩ .... FM stereo signal reception
( ) .... FM muting to "ON" position

IMPORTANT SAFETY NOTICE

THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR SAFETY.

WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTUR'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

■ EQUALIZER, TONE CONTROL, MAIN AMPLIFIER, SPEAKER PROTECTION & POWER SUPPLY CIRCUIT BOARD


To ⑮
To ⑩
To ⑫
To ⑬
PL1 STEREO IND. (6.3V 40mA)
L102
Low Pass Filter
(Rch. POWER) TR612
F602 4A
TR606
TR614 (Rch. POWER)
(Lch. POWER) (Lch. POWER) TR613
TR605
F601 4A
TR611
Voltage Selector Switch
P.T. (Orange) (Yellow) (Blue) (Green)
P.T. (Orange)
P.T. (Green)
P.T. (Brown)
RLY601 (RELAY)
F704 3.15A.T
F701 6.3A.T
F703 1A.T
F702 2A.T
C703 63V15000
C704 63V15000
D701
TP601
TP602
TP603
TP604
TP605
TUNING
SIGNAL
To ⑥
To ⑧
To Ⓔ
MADE IN JAPAN
S1003
S1002
S1004
S1005
S1006
S1007
VR1001-1 250K(B)
VR1001-2 250K(B)
VR1002 200K(G)
S1009
S1008
VR502-1 100K(B)
VR502-2 100K(B)
VR501-1 100K(B)
VR501-2 100K(B)
S1012
S1011
SELECTOR SWITCH
TAPE 2
TAPE 1
TAPE MONITOR SWITCH
MODE SWITCH
HI-BLEND SWITCH
MUTING SWITCH
LOUDNESS SWITCH
VOLUME CONTROL
BALANCE CONTROL
HIGH FILTER SWITCH
LOW FILTER SWITCH
TREBLE CONTROL
BASS CONTROL
REMOTE
MAIN
SPEAKER SWITCH

IC201, 202 (SVITA7129P)

AF EQUALIZER AMP	
1	2.2 V
2	0.6 V
3	0.1 V
4	0 V
5	0.8 V
6	18.1 V
7	33.8 V

TR103, 104 (2SA733)

AF AMP	
E	11.8 V
C	6.9 V
B	11.2 V

TR105 (2SC1398)

REGULATOR	
E	13.5 V
C	21.5 V
B	14.1 V

TR106 (2SC828)

REGULATOR	
E	12.3 V
C	13.5 V
B	13 V

TR108 (2SC828)

SWITCHING	
E	0 V
C	0 V
B	0 V

TR501, 502 (2SC1327)

TONE AMP	
E	1.1 V
C	13.5 V
B	1.7 V

TR503, 504 (2SC1328)

TONE AMP	
E	3 V
C	20.6 V
B	3.6 V

TR601, 602 (2SA798)

DEIFFRENTIAL	
E	0.6 V
B1	0 V
B2	0 V
C1	-52.1 V
C2	-52.1 V

TR603, 604 (2SC1628)

PRE DRIVE	
E	-53.5 V
C	-1.1 V
B	-52.1 V

TR605, 606 (2SC828)

THERMO COMP.	
E	-1.2 V
C	1.2 V
B	-0.4 V

TR607, 608 (2SD381)

DRIVE	
E	0.6 V
C	54.2 V
B	1.2 V

TR609, 610 (2SB536)

DRIVE	
E	-0.6 V
C	-54.2 V
B	-1.2 V

TR611, 612 (2SC1116)

POWER	
E	0.01 V
C	54.2 V
B	0.6 V

TR613, 614 (2SA747)

POWER	
E	-0.01 V
C	-54.2 V
B	-0.6 V

TR615 (2SC828)

SWITCH	
E	0 V
C	1.2 V
B	-1 V

TR616 (2SC828)

SWITCH	
E	0 V
C	1.2 V
B	0 V

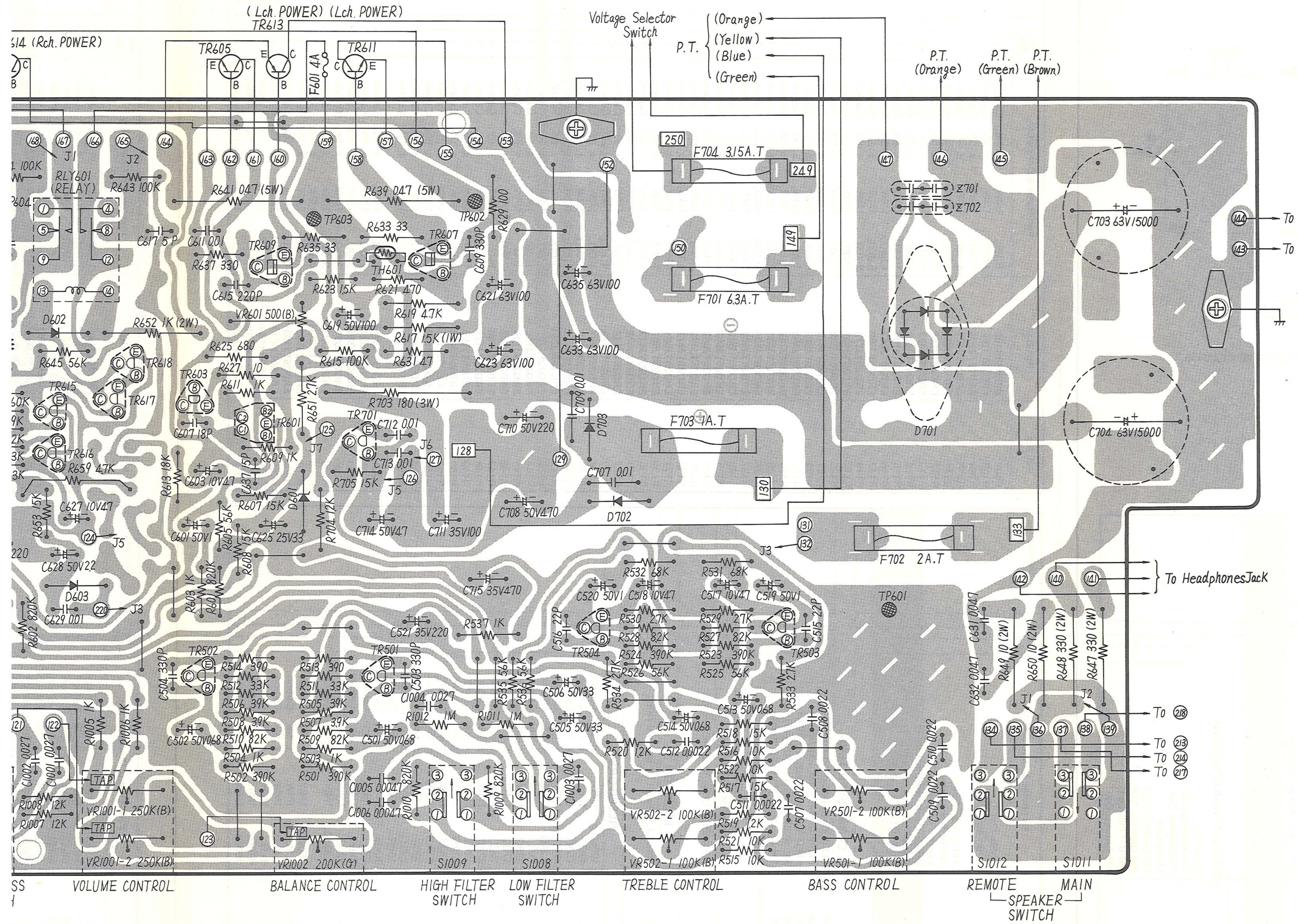
TR617 (2SC1509)

RELAY DRIVE	
E	0.6 V
C	30 V
B	1.2 V

TR618 (2SC1509)

RELAY DRIVE	
E	0 V
C	30 V
B	0.6 V

WER SUPPLY CIRCUIT BOARD


(Lch POWER) (Lch POWER)
TR613
514 (Rch. POWER)
TR605
TR611
F601 4A
Voltage Selector Switch
P.T.
(Orange)
(Yellow)
(Blue)
(Green)
P.T. (Orange)
P.T. (Green)
P.T. (Brown)
RLY601 (RELAY)
F704 3.15A.T
F701 6.3A.T
F703 1A.T
F702 2A.T
C703 63V15000
C704 63V15000
D701
TP601
TP602
TP603
To 214
To 215
To Headphones Jack
To 218
To 213
To 214
To 217
VR1001-1 250K(B)
VR1001-2 250K(B)
VR1002 200K(G)
S1009
S1008
VR502-2 100K(B)
VR502-1 100K(B)
VR501-2 100K(B)
VR501-1 100K(B)
S1012
S1011
VOLUME CONTROL
BALANCE CONTROL
HIGH FILTER SWITCH
LOW FILTER SWITCH
TREBLE CONTROL
BASS CONTROL
REMOTE
MAIN
SPEAKER SWITCH

601, 602 (2SA798)	
DEIFFRENTIAL	
E	0.6 V
B1	0 V
B2	0 V
C1	-52.1 V
C2	-52.1 V

TR603, 604 (2SC1628)	
PRE DRIVE	
E	-53.5 V
C	-1.1 V
B	-52.1 V

TR605, 606 (2SC828)	
THERMO COMP.	
E	-1.2 V
C	1.2 V
B	-0.4 V

TR607, 608 (2SD381)	
DRIVE	
E	0.6 V
C	54.2 V
B	1.2 V

TR609, 610 (2SB536)	
DRIVE	
E	-0.6 V
C	-54.2 V
B	-1.2 V

TR611, 612 (2SC1116)	
POWER	
E	0.01 V
C	54.2 V
B	0.6 V

TR613, 614 (2SA747)	
POWER	
E	-0.01 V
C	-54.2 V
B	-0.6 V

TR615 (2SC828)	
SWITCH	
E	0 V
C	1.2 V
B	-1 V

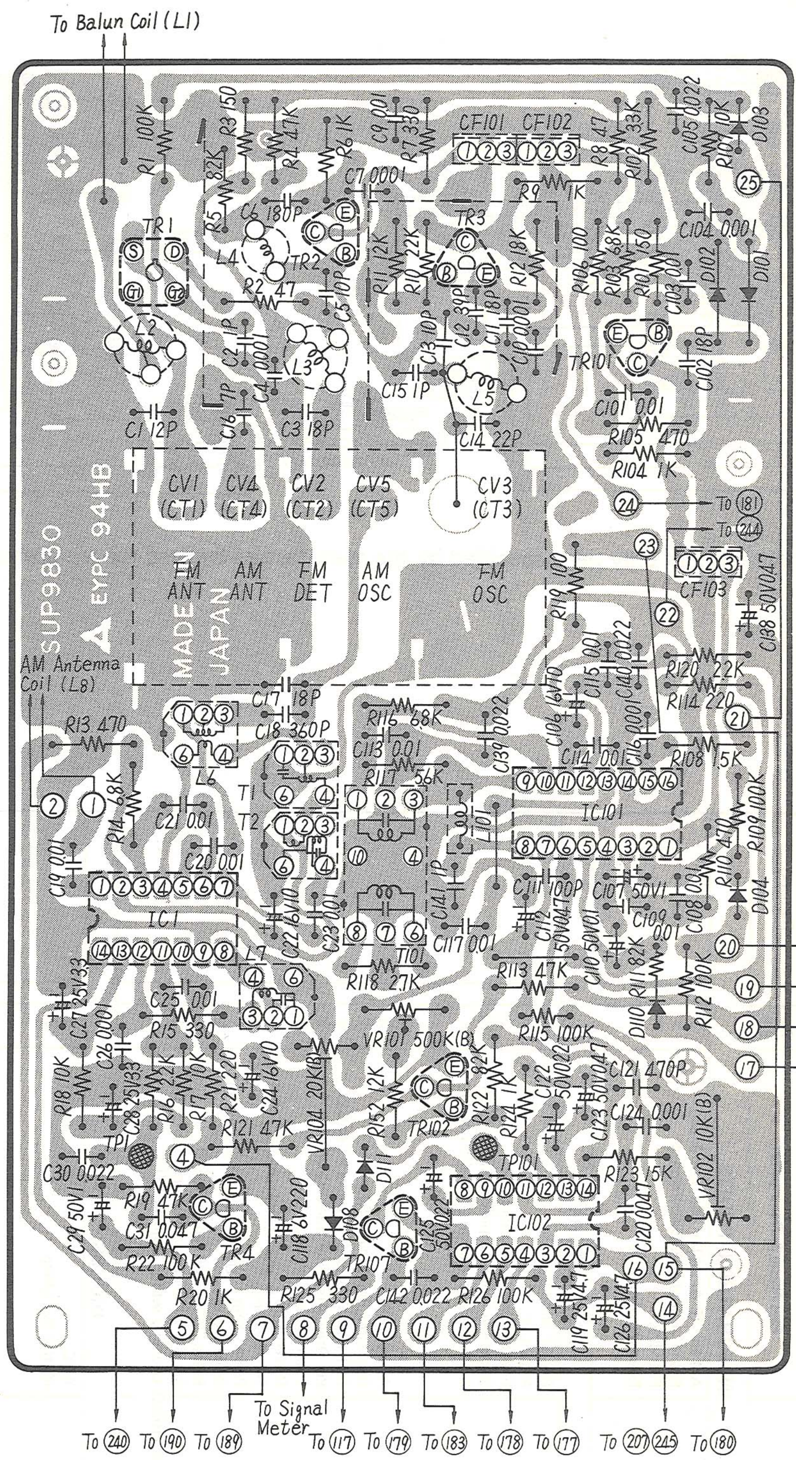
TR616 (2SC828)	
SWITCH	
E	0 V
C	1.2 V
B	0 V

TR617 (2SC1509)	
RELAY DRIVE	
E	0.6 V
C	30 V
B	1.2 V

TR618 (2SC1509)	
RELAY DRIVE	
E	0 V
C	30 V
B	0.6 V

TR701 (2SC1328)	
RIPPLE FILTER	
E	42 V
C	43.1 V
B	42.7 V

■ FM RF, FM IF AMPLIFIER, FM MPX & AM CIRCUIT BOARD


To Balun Coil (L1)
CF101 CF102
CF103
TR1
TR2
TR3
TR4
TR101
TR102
TR107
IC1
IC101
IC102
CV1 (CT1)
CV4 (CT4)
CV2 (CT2)
CV5 (CT5)
CV3 (CT3)
FM ANT
AM ANT
FM DET
AM OSC
FM OSC
SUP9830
EYPC 94HB
MADE IN JAPAN
AM Antenna Coil (L8)
To 181
To 244
To 188
To 243
To 119
To 118
To 240
To 190
To 189
To Signal Meter
To 117
To 179
To 183
To 178
To 177
To 207 245
To 180

IC1 (SVIHA1151)			
AM, RF, OSC, MIX, IF, DET			
1	1 V	8	6.6 V
2	11.7 V	9	0 V
3	6.5 V	10	11.4 V
4	11.7 V	11	1.7 V
5	3.5 V	12	0.7 V
6	1.3 V	13	1.5 V
7	2.1 V	14	0 V

IC101 (SVILA1230)			
FM IF AMP, DISCRI			
1	2.7 V	10	5.8 V
2	2.7 V	11	11.2 V
3	2.7 V	12	4 V
4	0 V	13	0 V
6	5.6 V	14	0 V
7	5.8 V	15	4.9 V
8	5.8 V	16	0 V
9	5.8 V		
5	MUTING ON 1.4 V		
	MUTING OFF 0 V		

IC102 (SVIHA1156W)		
FM MPX		
	STEREO	MONO
1	13.1 V	13.1 V
2	3 V	3 V
3	5.1 V	5.1 V
4	9.5 V	9.5 V
5	9.5 V	9.5 V
6	0.9 V	12.7 V
7	0 V	0 V
8	2.4 V	0.3 V
9	2.3 V	2.3 V
10	1.5 V	1.5 V
11	2.2 V	2.2 V
12	2.3 V	2.3 V
13	2.3 V	2.3 V
14	1.8 V	1.8 V

TR107 (2SC828)		
SWITCHING		
	STEREO	MONO
E	0 V	0 V
C	2.4 V	0.3 V
B	0 V	0.6 V

TR1 (3SK40)	
FM RF	
S	0 V
D	10 V
G1	0 V
G2	3.8 V

TR2 (2SC1674)	
FM MIX	
E	1 V
C	11.5 V
B	1.7 V

TR3 (2SC1675)	
FM OSC	
E	2.9 V
C	10.4 V
B	3.6 V

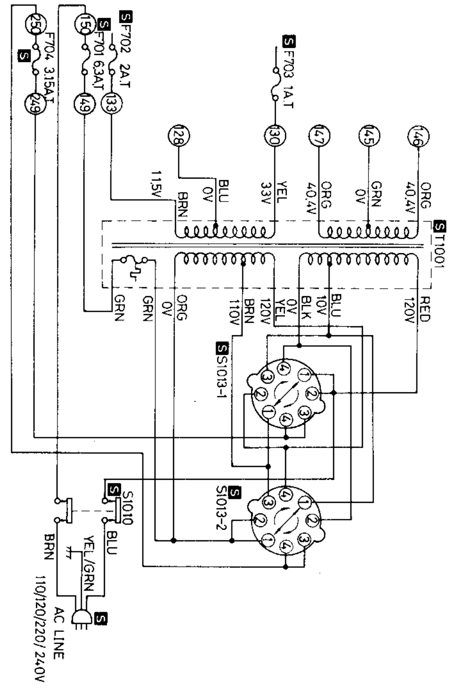
TR4 (2SC828)	
SWITCHING	
E	0 V
C	0 V
B	0 V

TR101 (2SC1675)	
FM IF	
E	3.1 V
C	10.4 V
B	3.8 V

TR102 (2SC828)		
MUT. SWITCH		
	OFF	ON
E	0 V	0 V
C	8.4 V	0.1 V
B	0 V	6 V

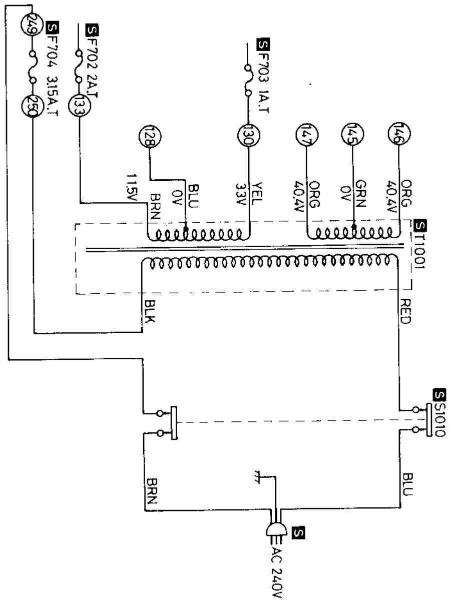
■ CIRCUIT OF POWER SUPPLY

- Set for England (XE)



S T1001
146 ORG 40.4V
145 GRN 0V
147 ORG 40.4V
S F703 1A.T
130 YEL 33V
BLU 0V
128 BRN 11.5V
S F702 2A.T 133
S F701 6.3AT 150 149
F704 3.15A.T 250 249
S
RED 120V
BLU 10V
BLK 0V
YEL 120V
BRN 110V
ORG 0V
GRN
GRN
S S1013-1
S S1013-2
S1010
S
BLU
YEL/GRN
S
BRN
AC LINE 110/120/220/240V

- Set for Australia (XAL)



S S1010
S T1001
146 ORG 40.4V
145 GRN 0V
147 ORG 40.4V
S F703 1A.T
130 YEL 33V
BLU 0V
128 BRN 11.5V
S F702 2A.T 133
S F704 3.15A.T 249 250
RED
BLK
BLU
BRN
S
AC 240V

Note: **S** indicates that only parts specified by the manufacture be used for replacement in critical circuits.

■ REPLACEMENT PARTS LIST

Important Safety Notice

Components identified by shaded area have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

NOTE: 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts orders.

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
		INTEGRATED CIRCUITS		
IC1	SVIHA1151	AM RF, IF Amplifier Mix, Osc & Det	1	
IC101	SVILA1230	FM IF Amplifier & Discriminator	1	
IC102	SVIHA1156W	FM MPX	1	
IC201, 202	SVITA7129P	Equalizer Amplifier	2	
		TRANSISTORS		
TR1	3SK40-M	FM RF Amplifier [FET]	1	
TR2	2SC1674-M	FM Mixer	1	
TR3, 101	2SC1675-L1	FM Oscillator & IF Amplifier	2	
TR4, 102, 106, 107, 108, 501, 502, 503, 504, 615, 616, 619, 701	**2SC1328-T**	Switching, Tone Amplifier, Ripple Filter & Speakers Protection (in ranks S or T).	13	
TR103, 104	2SA733-P1	AF Amplifier	2	
TR105	2SC1398-Q	Regulator, (ranks Q or R)	1	
TR601, 602	2SA798A-G2	Differential Amplifier (ranks F2 or G2)	2	
TR603, 604	2SC1628-0	Pre Drive Amplifier (ranks O or Y)	2	
TR605, 606	**2SC828A-R**	Thermo Compensation	2	
TR607, 608	2SD381A-L9	Driver Amp } Use in pair ranks (L or M)	2	O
TR609, 610	2SB536A-L9	Driver Amp }	2	O
TR611, 612	2SC1116A-0	Power Amp } Use in pair ranks (O or Y)	2	O
TR613, 614	2SA747A-0	Power Amp }	2	O
TR617, 618	**2SC1509F-Q**	Relay Driver (in ranks Q or R)	2	
TR620	**2SA902-F**	Speaker Protection Switching	1	
	Note: TR619 and TR620, Use only set for England [XE].			
		DIODES		
D101, 102	OA90	AGC	2	
D103, 104, 105, 106, 108, 110, 111	MA150	Muting Switching	7	
D107	SVDMZ414	14V Zener, Voltage Stabilizer	1	O
D109	SVDMA26-2	Varistor	1	
D601	SVDMZ324	24V Zener, Voltage Stabilizer	1	O
D602, 603, 702, 703	SVD10E1	Rectifier	4	
D701	SVD6B6CTA-2	Rectifier	1	
		COILS and TRANSFORMERS		
L1	SLAA4W1-3	Balun Coil	1	
L2	SLAA4N9	FM Antenna Coil	1	
L3	SLDA4N18	FM Detector Coil	1	
L4	ELQ5A77	Choke Coil	1	
L5	SLOA4N9	FM Oscillator Coil	1	
L6	RLO2M4P	AM Oscillator Coil	1	
L7	SLI2M401	AM IF Filter Coil	1	
L8	SLF2D27	AM Antenna Coil	1	

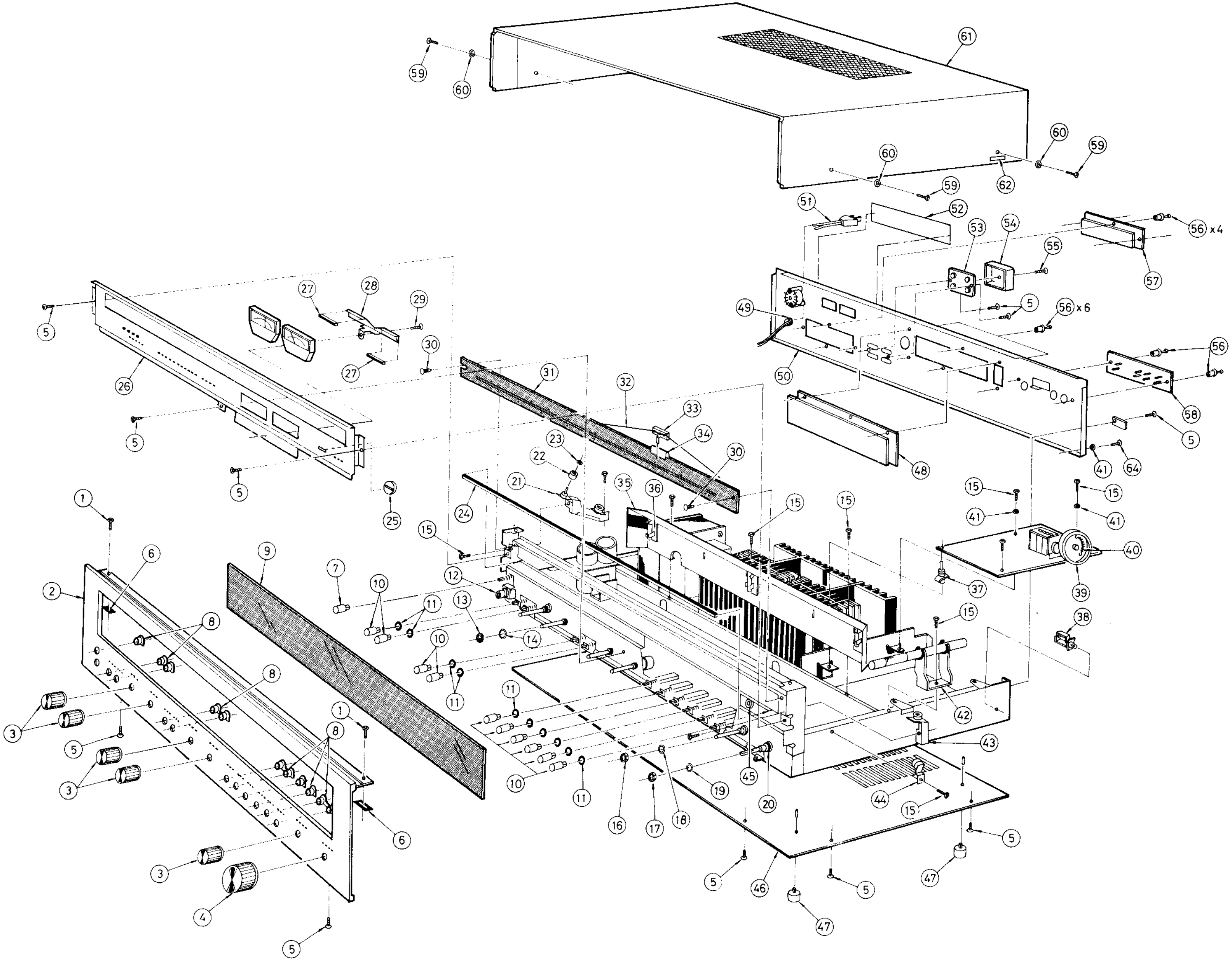
Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
L101	SLQX180-1	Choke Coil	1		
L102	SLMA1Z3-K	Low Pass Filter	1		
T1	RLI2M201	AM IF Transformer	1		
T2	RLI2M202	AM IF Transformer	1		
T101	SLI4D513	FM IF Transformer	1		
T1001 [XAL]	SLT5S19	Power Transformer, Set for [XAL]	1		○
T1001 [X, XG, XGH, XE, XSD, XSW]	SLT5S15	Power Transformer, Set for [X], [XG], [XGH], [XE], [XSD] & [XSW]	1		○
CERAMIC FILTERS					
CF101, 102, 103	SVFE107MA8A	FM IF Circuit, Red. 10.7MHz	each 3		
	SVFE107MA8B	FM IF Circuit, Blue, 10.67MHz			
	SVFE107MA8C	FM IF Circuit, Orange, 10.73MHz			
	SVFE107MA8D	FM IF Circuit, Black, 10.64MHz			
	SVFE107MA8E	FM IF Circuit, White, 10.76MHz			
	(Use pair ranks as same as	CF101, 102, and CF103)			
THERMISTORS					
TH601, 602	RRT251	Thermistor, Drive Amplifier Circuit	2		
POSISTOR					
PH601 [XE]	SRP4BC60158	Posistor, Only set for England [XE]	1		
RESISTORS					
R1	**ERD25TJ104**	100kΩ, 1/4W, ± 5% Carbon	1		
R2	**ERD25TJ470**	47Ω, 1/4W, ± 5% Carbon	1		
R3	**ERD25TJ151**	150Ω, 1/4W, ± 5% Carbon	1		
R4	**ERD25TJ473**	47kΩ, 1/4W, ± 5% Carbon	1		
R5	**ERD25TJ822**	8.2kΩ, 1/4W, ± 5%, Carbon	1		
R6	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R7	**ERD25TJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R8	**ERD25TJ470**	47Ω, 1/4W, ± 5%, Carbon	1		
R9	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R10	**ERD25TJ223**	22kΩ, 1/4W, ± 5%, Carbon	1		
R11	**ERD25TJ123**	12kΩ, 1/4W, ± 5%, Carobn	1		
R12	**ERD25TJ182**	1.8kΩ, 1/4W, ± 5%, Carbon	1		
R13	**ERD25TJ471**	470Ω, 1/4W, ± 5%, Carbon	1		
R14	**ERD25TJ682**	6.8kΩ, 1/4W, ± 5%, Carbon	1		
R15	**ERD25TJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R16	**ERD25TJ222**	2.2kΩ, 1/4W, ± 5%, Carbon	1		
R17	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R18	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R19	**ERD25TJ473**	47kΩ, 1/4W, ± 5%, Carbon	1		
R20	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R21	**ERD25TJ221**	220Ω, 1/4W, ± 5%, Carbon	1		
R22	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R101	**ERD25TJ151**	150Ω, 1/4W, ± 5%, Carbon	1		
R102	**ERD25TJ332**	3.3kΩ, 1/4W, ± 5%, Carbon	1		
R103	**ERD25TJ682**	6.8kΩ, 1/4W, ± 5%, Carbon	1		
R104	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R105	**ERD25TJ471**	470Ω, 1/4W, ± 5%, Carbon	1		
R106	**ERD25TJ101**	100Ω, 1/4W, ± 5%, Carbon	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
R107	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R108	**ERD25TJ152**	1.5kΩ, 1/4W, ± 5%, Carbon	1		
R109	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R110	**ERD25TJ471**	470Ω, 1/4W, ± 5%, Carobn	1		
R111	**ERD25TJ823**	82kΩ, 1/4W, ± 5%, Carbon	1		
R112	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R113	**ERD25TJ473**	47kΩ, 1/4W, ± 5%, Carbon	1		
R114	**ERD25TJ221**	220Ω, 1/4W, ± 5%, Carbon	1		
R115	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R116	**ERD25TJ682**	6.8kΩ, 1/4W, ± 5%, Carbon	1		
R117	**ERD25TJ562**	5.6kΩ, 1/4W, ± 5%, Carbon	1		
R118	**ERD25TJ272**	2.7kΩ, 1/4W, ± 5%, Carbon	1		
R119	**ERD25TJ101**	100Ω, 1/4W, ± 5%, Carbon	1		
R120	**ERD25TJ222**	2.2kΩ, 1/4W, ± 5%, Carbon	1		
R121	**ERD25TJ473**	47kΩ, 1/4W, ± 5%, Carbon	1		
R122	**ERD25TJ823**	82kΩ, 1/4W, ± 5%, Carbon	1		
R123	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R124	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R125	**ERD25TJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R126	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R127	**ERD25TJ562**	5.6kΩ, 1/4W, ± 5%, Carbon	1		
R128	**ERD25TJ562**	5.6kΩ, 1/4W, ± 5%, Carbon	1		
R129	**ERD25TJ682**	6.8kΩ, 1/4W, ± 5%, Carbon	1		
R130	**ERD25TJ682**	6.8kΩ, 1/4W, ± 5%, Carbon	1		
R131	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
R132	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
R133	**ERD25TJ561**	560Ω, 1/4W, ± 5%, Carbon	1		
R134	**ERD25TJ561**	560Ω, 1/4W, ± 5%, Carbon	1		
R135	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
R136	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
R137	**ERD25TJ473**	47kΩ, 1/4W, ± 5%, Carbon	1		
R138	**ERD25TJ473**	47kΩ, 1/4W, ± 5%, Carbon	1		
R139	**ERD25TJ101**	100Ω, 1/4W, ± 5%, Carbon	1		
R140	**ERD25TJ824**	820kΩ, 1/4W, ± 5%, Carbon	1		
R141	ERD12FJ471	470Ω, 1/2W, ± 5%, Carbon	1		
R142	**ERG1ANJ331**	330Ω, 1W, ± 5%, Metallic	1		
R143	ERD12FJ471	470Ω, 1/2W, ± 5%, Carbon	1		
R144	**ERD25TJ151**	150Ω, 1/4W, ± 5%, Carbon	1		
R145	**ERD25TJ100**	10Ω, 1/4W, ± 5%, Carbon	1		
R146	**ERD25TJ332**	3.3kΩ, 1/4W, ± 5%, Carbon	1		
R147	**ERD25TJ100**	10Ω, 1/4W, ± 5%, Carbon	1		
R148	**ERD25TJ473**	47kΩ, 1/4W, ± 5%, Carbon	1		
R149	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R150	**ERD25TJ473**	47kΩ, 1/4W, ± 5%, Carbon	1		
R151	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R152	**ERD25TJ123**	12kΩ, 1/4W, ± 5%, Carbon	1		
R153	**ERD25TJ273**	27kΩ, 1/4W, ± 5%, Carobn	1		
R154	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R201	ERD12TSJ274	270kΩ, 1/2W, ± 5%, Carbon	1		
R202	ERD12TSJ274	270kΩ, 1/2W, ± 5%, Carbon	1		
R203	**ERD25TJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R204	**ERD25TJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R205	ERD12TSJ334	330kΩ, 1/2W, ± 5%, Carbon	1		
R206	ERD12TSJ334	330kΩ, 1/2W, ± 5%, Carbon	1		
R207	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R208	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R209	ERO50CKF1743	174kΩ, 1/2W, ± 1%, Metallic	1		○
R210	ERO50CKF1743	174kΩ, 1/2W, ± 1%, Metallic	1		○
R213	ERO50CKF1502	15kΩ, 1/2W, ± 1%, Metallic	1		○
R214	ERO50CKF1502	15kΩ, 1/2W, ± 1%, Metallic	1		○

Ref. No	Part No.	Part Name & Description	Per Set		Remarks
R215	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R216	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R217	ERD12TSJ563	56kΩ, 1/2W, ± 5%, Carbon	1		
R218	ERD12TSJ563	56kΩ, 1/2W, ± 5%, Carbon	1		
R219	**ERD25TJ101**	100Ω, 1/4W, ± 5%, Carbon	1		
R220	**ERD25TJ101**	100Ω, 1/4W, ± 5%, Carbon	1		
R221	**ERD25TJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R222	**ERD25TJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R223	**ERD14FJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R501	**ERD25TJ394**	390kΩ, 1/4W, ± 5%, Carbon	1		
R502	**ERD25TJ394**	390kΩ, 1/4W, ± 5%, Carbon	1		
R503	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R504	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R505	**ERD25TJ393**	39kΩ, 1/4W, ± 5%, Carbon	1		
R506	**ERD25TJ393**	39kΩ, 1/4W, ± 5%, Carbon	1		
R507	**ERD25TJ392**	3.9kΩ, 1/4W, ± 5%, Carbon	1		
R508	**ERD25TJ392**	3.9kΩ, 1/4W, ± 5%, Carbon	1		
R509	**ERD25TJ823**	82kΩ, 1/4W, ± 5%, Carbon	1		
R510	**ERD25TJ823**	82kΩ, 1/4W, ± 5%, Carbon	1		
R511	**ERD25TJ332**	3.3kΩ, 1/4W, ± 5%, Carbon	1		
R512	**ERD25TJ332**	3.3kΩ, 1/4W ± 5%, Carbon	1		
R513	**ERD25TJ391**	390Ω, 1/4W, ± 5%, Carbon	1		
R514	**ERD25TJ391**	390Ω, 1/4W, ± 5%, Carbon	1		
R515	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R516	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R517	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R518	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R519	**ERD25TJ122**	1.2kΩ, 1/4W, ± 5%, Carbon	1		
R520	**ERD25TJ122**	1.2kΩ, 1/4W, ± 5%, Carbon	1		
R521	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R522	**ERD25TJ103**	10kΩ, 1/4W, ± 5%, Carbon	1		
R523	**ERD25TJ394**	390kΩ, 1/4W, ± 5%, Carbon	1		
R524	**ERD25TJ394**	390kΩ, 1/4W, ± 5%, Carbon	1		
R525	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		
R526	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		
R527	**ERD25TJ822**	8.2kΩ, 1/4W, ± 5%, Carbon	1		
R528	**ERD25TJ822**	8.2kΩ, 1/4W, ± 5%, Carbon	1		
R529	**ERD25TJ272**	2.7kΩ, 1/4W, ± 5%, Carbon	1		
R530	**ERD25TJ272**	2.7kΩ, 1/4W, ± 5%, Carbon	1		
R531	**ERD25TJ683**	68kΩ, 1/4W, ± 5%, Carbon	1		
R532	**ERD25TJ683**	68kΩ, 1/4W, ± 5%, Carbon	1		
R533	**ERD25TJ272**	2.7kΩ, 1/4W, ± 5%, Carbon	1		
R534	**ERD25TJ272**	2.7kΩ, 1/4W, ± 5%, Carbon	1		
R535	**ERD25TJ562**	5.6kΩ, 1/4W, ± 5%, Carbon	1		
R536	**ERD25TJ562**	5.6kΩ, 1/4W, ± 5%, Carbon	1		
R537	**ERD14FJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R601	**ERD25TJ824**	820kΩ, 1/4W, ± 5%, Carbon	1		
R602	**ERD25TJ824**	820kΩ, 1/4W, ± 5%, Carbon	1		
R603	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R604	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R605	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		
R606	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		
R607	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R608	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R609	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R610	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R611	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R612	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R613	**ERD25TJ182**	1.8kΩ, 1/4W, ± 5%, Carbon	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
R614	**ERD25TJ182**	1.8kΩ, 1/4W, ± 5%, Carbon	1		
R615	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R616	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R617	**ERG1ANJ152**	1.5kΩ, 1W, ± 5%, Metallic	1		
R618	**ERG1ANJ152**	1.5kΩ, 1W, ± 5%, Metallic	1		
R619	ERD12FJ472	4.7kΩ, 1/2W, ± 5%, Carbon	1		
R620	ERD12FJ472	4.7kΩ, 1/2W, ± 5%, Carbon	1		
R621	**ERD25TJ471**	470Ω, 1/4W, ± 5%, Carbon	1		
R622	**ERD25TJ471**	470Ω, 1/4W, ± 5%, Carbon	1		
R623	**ERD25TJ152**	1.5kΩ, 1/4W, ± 5%, Carbon	1		
R624	**ERD25TJ152**	1.5kΩ, 1/4W, ± 5%, Carbon	1		
R625	**ERD14FJ681**	680Ω, 1/4W, ± 5%, Carbon	1		
R626	**ERD14FJ681**	680Ω, 1/4W, ± 5%, Carbon	1		
R627	**ERD14FJ100**	10Ω, 1/4W, ± 5%, Carbon	1		
R628	**ERD14FJ100**	10Ω, 1/4W, ± 5%, Carbon	1		
R629	**ERD14FJ101**	100Ω, 1/4W, ± 5%, Carbon	1		
R630	**ERD14FJ101**	100Ω, 1/4W, ± 5%, Carbon	1		
R631	**ERD14FJ470**	47Ω, 1/4W, ± 5%, Carbon	1		
R632	**ERD14FJ470**	47Ω, 1/4W, ± 5%, Carbon	1		
R633	**ERD14FJ330**	33Ω, 1/4W, ± 5%, Carbon	1		
R634	**ERD14FJ330**	33Ω, 1/4W, ± 5%, Carbon	1		
R635	**ERD14FJ330**	33Ω, 1/4W, ± 5%, Carbon	1		
R636	**ERD14FJ330**	33Ω, 1/4W, ± 5%, Carbon	1		
R637	**ERD14FJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R638	**ERD14FJ331**	330Ω, 1/4W, ± 5%, Carbon	1		
R639	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1		
R640	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1		
R641	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1		
R642	ERF5AKR47	0.47Ω, 5W, ±10%, Non-Flammable	1		
R643	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R644	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R645	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		
R646	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		
R647	**ERG2ANJ331**	330Ω, 2W, ± 5%, Metallic	1		
R648	**ERG2ANJ331**	330Ω, 2W, ± 5%, Metallic	1		
R649	**ERX2ANJ100**	10Ω, 2W, ± 5%, Metallic	1		
R650	**ERX2ANJ100**	10Ω, 2W, ± 5%, Metallic	1		
R651	ERD12FJ272	2.7kΩ, 1/2W, ± 5%, Carbon	1		
R652	**ERG2ANJ102**	1kΩ, 2W, ± 5%, Metallic	1		
R653	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R654	**ERD25TJ822**	8.2kΩ, 1/4W, ± 5%, Carbon	1		
R655	**ERD25TJ393**	39kΩ, 1/4W, ± 5%, Carbon	1		
R656	**ERD25TJ333**	33kΩ, 1/4W, ± 5%, Carbon	1		
R657	**ERD25TJ564**	560kΩ, 1/4W, ± 5%, Carbon	1		
R658	**ERD25TJ333**	33kΩ, 1/4W, ± 5%, Carbon	1		
R659	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
	Resistors, only Set for England [XE]				
R660 [XE]	**ERD25TJ393**	39kΩ, 1/4W, ± 5%, Carbon	1		
R661 [XE]	**ERD25TJ123**	12kΩ, 1/4W, ± 5%, Carbon	1		
R662 [XE]	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		
R663 [XE]	**ERD25TJ824**	820kΩ, 1/4W, ± 5%, Carbon	1		
R664 [XE]	**ERD25TJ124**	120kΩ, 1/4W, ± 5%, Carbon	1		
R665 [XE]	**ERD25TJ124**	120kΩ, 1/4W, ± 5%, Carbon	1		
R666 [XE]	**ERD25TJ563**	56kΩ, 1/4W, ± 5%, Carbon	1		

■ CABINET & CHASSIS PARTS



59
60
61
60
59
60
59
62
51
52
53
54
56 x 4
55
57
49
5
56 x 6
50
56
58
48
5
41
64
27
28
29
5
30
27
26
31
32
33
34
5
23
22
30
5
21
25
24
35
36
15
15
15
15
41
41
40
1
6
9
15
7
10
12
11
13
37
39
2
8
14
15
38
10
11
8
11
42
3
5
1
11
8
43
3
10
11
16
17
18
19
45
20
44
15
5
6
5
3
4
5
46
5
47
47
5

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
R703	**ERG3ANJ181**	180Ω, 3W, ± 5%, Metallic	1		
R704	**ERD14FJ122**	1.2kΩ, 1/4W, ± 5%, Carbon	1		
R705	**ERD25TJ153**	15kΩ, 1/4W, ± 5%, Carbon	1		
R1003	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R1004	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R1005	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R1006	**ERD25TJ102**	1kΩ, 1/4W, ± 5%, Carbon	1		
R1007	**ERD25TJ123**	12kΩ, 1/4W, ± 5%, Carbon	1		
R1008	**ERD25TJ123**	12kΩ, 1/4W, ± 5%, Carbon	1		
R1009	**ERD25TJ824**	820kΩ, 1/4W, ± 5%, Carbon	1		
R1010	**ERD25TJ824**	820kΩ, 1/4W, ± 5%, Carbon	1		
R1011	**ERD25TJ105**	1MΩ, 1/4W, ± 5%, Carbon	1		
R1012	**ERD25TJ105**	1MΩ, 1/4W, ± 5%, Carbon	1		
R1013	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R1014	**ERD25TJ104**	100kΩ, 1/4W, ± 5%, Carbon	1		
R1015	**ERD25TJ474**	470kΩ, 1/4W, ± 5%, Carbon	1		
R1016	**ERD25TJ474**	470kΩ, 1/4W, ± 5%, Carbon	1		
R1017	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
R1018	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
R1019	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		
R1020	**ERD25TJ472**	4.7kΩ, 1/4W, ± 5%, Carbon	1		

VARIABLE RESISTORS

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
VR101	EVLS0AA00B55	500kΩ (B), Muting Level Adjustment	1		
VR102	EVLS3AA00B14	10kΩ (B), PLL VCO Adjustment	1		
VR103	EVLS3AA00B24	20kΩ (B) Separation Adjustment	1		
VR104	EVLS3AA00B24	20kΩ (B), FM Signal Meter Adjustment	1		
VR501, 502	EWF2QAF30B15	100kΩ (B), Bass & Treble Control	2		
VR601, 602	EVLS3AA00B52	500Ω (B), Main Amp **Icq** Adjustment	2		
VR1001	EWF5MA037BF5	250kΩ (B), Volume Control	1		○
VR1002	EVE7DA088G25	200kΩ (G), Balance Control	1		○

CAPACITORS

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
C1	ECCD1H120KC	12pF, 50WV, ±10%, Ceramic	1		
C2	ECCD1H0101CC	1pF, 50WV, ±0.25pF, Ceramic	1		
C3	ECCD1H180KR	18pF, 50WV, ±10%, Ceramic	1		
C4	ECKD1H102MDA	0.001μF, 50WV, ±20%, Ceramic	1		
C5	ECCD1H100KC	10pF, 50WV, ±10%, Ceramic	1		
C6	ECCD1H181K	180pF, 50WV, ±10%, Ceramic	1		
C7	ECKD1H102PF	0.001μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C9	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C10	ECKD1H102PF	0.001μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C11	ECCD1H180KC	18pF, 50WV, ±10%, Ceramic	1		
C12	ECCD1H390KC	39pF, 50WV, ±10%, Ceramic	1		
C13	ECCD1H100KC	10pF, 50WV, ±10%, Ceramic	1		
C14	ECCD1H220KR	22pF, 50WV, ±10%, Ceramic	1		
C15	ECCD1H010CC	1pF, 50WV, ±0.25pF, Ceramic	1		
C16	ECCD1H070DC	7pF, 50WV, ±0.5pF, Ceramic	1		
C17	ECCD1H180KC	18pF, 50WV, ±10%, Ceramic	1		
C18	ECQS1361JZ	360pF, 125WV, ±5%, Styrol	1		
C19	ECKD1H103MD	0.01μF, 50WV, ±20%, Ceramic	1		
C20	ECKD1H103MD	0.01μF, 50WV, ±20%, Ceramic	1		
C21	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C22	**ECEA16V10V**	10μF, 16WV, Electrolytic	1		
C23	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C24	**ECEA16V10V**	10μF, 16WV, Electrolytic	1		
C25	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Cermaic	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
C26	ECKD1H102PF	0.001μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C27	**ECEA50V3R3V**	3.3μF, 50WV, Electrolytic	1		
C28	**ECEA50V3R3V**	3.3μF, 50WV, Electrolytic	1		
C29	**ECEA50V1V**	1μF, 50WV, Electrolytic	1		
C30	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1		
C31	ECQM05473KZ	0.047μF, 50WV, ±10%, Polyester	1		
C101	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C102	ECCD1H180KC	18pF 50WV, ±10% Ceramic	1		
C103	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C104	ECKD1H102PF	0.001μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C105	ECKD1H223PF	0.022μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C106	**ECEA16V10V**	10μF, 16WV, Electrolytic	1		
C107	**ECEA50V1V**	1μF, 50WV, Electrolytic	1		
C108	ECKD1H103MD	0.01μF, 50WV, ±20% Ceramic	1		
C109	ECKD1H103MD	0.01μF, 50WV, ±20%, Ceramic	1		
C110	**ECEA50ZR1**	0.1μF, 50WV, Electrolytic	1		
C111	ECCD1H101K	100pF, 50WV, ±10%, Ceramic	1		
C112	**ECEA50VR47V**	0.47μF, 50WV, Electrolytic	1		
C113	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C114	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C115	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C116	ECKD1H102PF	0.001μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C117	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C118	**ECEA6V220V**	220μF, 6.3WV, Electrolytic	1		
C119	**ECEA35V4R7V**	4.7μF, 35WV, Electrolytic	1		
C120	ECQM05473KZ	0.047μF, 50WV, ±10%, Polyester	1		
C121	ECQS1471JZ-K	470pF, 125WV, ±5%, Styrol	1		
C122	**ECEA50ZR22**	0.22μF, 50WV, Electrolytic	1		
C123	**ECEA50VR47V**	0.47μF, 50WV, Electrolytic	1		
C124	ECKD1H102PF	0.001μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C125	ECEA50MR22R	0.22μF, 50WV, Electrolytic	1		
C126	**ECEA35V4R7V**	4.7μF, 35WV, Electrolytic	1		
C127	ECQM05123JZ	0.012μF, 50WV, ±5%, Polyester	1		
C128	ECQM05123JZ	0.012μF, 50WV, ±5%, Polyester	1		
C129	**ECEA50ZR33**	0.33μF, 50WV, Electrolytic	1		
C130	**ECEA50ZR33**	0.33μF, 50WV, Electrolytic	1		
C131	**ECEA16V47V**	47μF, 16WV, Electrolytic	1		
C132	ECQM05153KZ	0.015μF, 50WV, ±10%, Polyester	1		
C133	**ECEA16V220V**	220μF, 16WV, Electrolytic	1		
C134	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C135	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C136	**ECEA16V47V**	47μF, 16WV, Electrolytic	1		
C137	**ECEA50V3R3V**	3.3μF, 50WV, Electrolytic	1		
C138	**ECEA50VR47V**	0.47μF, 50WV, Electrolytic	1		
C139	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1		
C140	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1		
C141	ECCD1H010CC	1pF, 50WV, ±0.25pF, Ceramic	1		
C142	ECKD1H223PF	0.022μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C201	ECCD1H151K	150pF, 50WV, ±10%, Ceramic	1		
C202	ECCD1H151K	150pF, 50WV, ±10%, Ceramic	1		
C203	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1		
C204	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1		
C205	ECCD1H680K	68pF, 50WV, ±10%, Ceramic	1		
C206	ECCD1H680K	68pF, 50WV, ±10%, Ceramic	1		
C207	ECKD2H681KB	680pF, 500WV, ±10%, Cermaic	1		
C208	ECKD2H681KB	680pF, 500WV, ±10%, Ceramic	1		
C209	**ECEA6V330V**	330μF, 6.3WV, Electrolytic	1		
C210	**ECEA6V330V**	330μF, 6.3WV, Electrolytic	1		
C211	ECQF1183GZN	0.018μF, 125WV, ±2%, Polypropylene	1		○

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
C212	ECQF1183GZN	0.018μF, 125WV, ±2%, Polypropylene	1		○
C213	ECQF1472GZN	0.0047μF, 125WV, ±2%, Polypropylene	1		○
C214	ECQF1472GZN	0.0047μF, 125WV, ±2%, Polypropylene	1		○
C215	ECEA50M1R	1μF, 50WV, Electrolytic	1		
C216	ECEA50M1R	1μF, 50WV, Electrolytic	1		
C217	**ECEA50V220V**	220μF, 50WV, Electrolytic	1		
C219	ECKD2H391KB	390pF, 500WV, ±10%, Ceramic	1		
C220	ECKD2H391KB	390pF, 500WV, ±10%, Ceramic	1		
C501	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1		
C502	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1		
C503	ECKD2H331KB	330pF, 500WV, ±10%, Ceramic	1		
C504	ECKD2H331KB	330pF, 500WV, ±10%, Ceramic	1		
C505	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1		
C506	ECEA50M3R3R	3.3μF, 50WV, Electrolytic	1		
C507	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1		
C508	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1		
C509	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1		
C510	ECQM05223KZ	0.022μF, 50WV, ±10%, Polyester	1		
C511	ECQM05222KZ	0.0022μF, 50WV, ±10%, Polyester	1		
C512	ECQM05222KZ	0.0022μF, 50WV, ±10%, Polyester	1		
C513	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1		
C514	ECEA50MR68R	0.68μF, 50WV, Electrolytic	1		
C515	ECCD1H220K	22pF, 50WV, ±10%, Ceramic	1		
C516	ECCD1H220K	22pF, 50WV, ±10%, Ceramic	1		
C517	**ECEA16V47V**	47μF, 16WV, Electrolytic	1		
C518	**ECEA16V47V**	47μF, 16WV, Electrolytic	1		
C519	ECEA50M1R	1μF, 50WV, Electrolytic	1		
C520	ECEA50M1R	1μF, 50WV, Electrolytic	1		
C521	**ECEA35V220V**	220μF, 35WV, Electrolytic	1		
C601	ECEA50M1R	1μF, 50WV, Electrolytic	1		
C602	ECEA50M1R	1μF, 50WV, Electrolytic	1		
C603	**ECEA16V47V**	47μF, 16WV, Electrolytic	1		
C604	**ECEA16V47V**	47μF, 16WV, Electrolytic	1		
C607	ECCD2H180K	18pF, 500WV, ±10%, Ceramic	1		
C608	ECCD2H180K	18pF 500WV, ±10%, Ceramic	1		
C609	ECKD2H221KB	220pF, 500WV, ±10%, Ceramic	1		
C610	ECKD2H221KB	220pF, 500WV, ±10%, Ceramic	1		
C611	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C612	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C615	ECKD2H221KB	220pF, 500WV, Ceramic	1		
C616	ECKD2H221KB	220pF 500WV, Ceramic	1		
C617	ECCD1H050C	5pF, 50WV, ±0.25pF, Ceramic	1		
C618	ECCD1H050C	5pF, 50WV, ±0.25pF, Ceramic	1		
C619	**ECEA50V100V**	100μF, 50WV, Electrolytic	1		
C620	**ECEA50V100V**	100μF, 50WV, Electrolytic	1		
C621	**ECEA63V100V**	100μF, 63WV, Electrolytic	1		
C622	**ECEA63V100V**	100μF, 63WV, Electrolytic	1		
C623	**ECEA63V100V**	100μF, 63WV, Electrolytic	1		
C624	**ECEA63V100V**	100μF, 63WV, Electrolytic	1		
C625	**ECEA25V33V**	33μF, 25WV, Eelctrolytic	1		
C626	**ECEA16N220V**	220μF, 16WV, Non-Polar Electrolytic	1		
C627	**ECEA16V47V**	47μF, 16WV, Electrolytic	1		
C628	ECEA50M2R2R	2.2μF, 50WV, Electrolytic	1		
C629	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C631	ECQM1473KZ	0.047μF, 125WV, ±10%, Polyester	1		
C632	ECQM1473KZ	0.047μF, 125WV, ±10%, Polyester	1		
C633	**ECEA63V100V**	100μF, 63WV, Electrolytic	1		
C635	**ECEA63V100V**	100μF, 63WV, Electrolytic	1		
C637	ECCD2H150D	15pF, 500WV, ±0.5pF, Ceramic	1		

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
C638	ECCD2H150D	15pF, 500WV, ±0.5pF, Ceramic	1		
C639 [XE]	**ECEA50V3R3V**	3.3μF, 50WV, Electrolytic	1		
C703	ECET63R153Y	15000μF, 63WV, Electrolytic	1		○
C704	ECET63R153Y	15000μF, 63WV, Electrolytic	1		○
C707	ECKD2H103PF	0.01μF, 500WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C708	**ECEA50V470V**	470μF, 50WV, Electrolytic	1		
C709	ECKD2H103PF	0.01μF, 500WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C710	**ECEA50V220V**	220μF, 50WV, Electrolytic	1		
C711	**ECEA35V100V**	100μF, 35WV, Electrolytic	1		
C712	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C713	ECKD1H103PF	0.01μF, 50WV, $^{+100\%}_{-0\%}$ Ceramic	1		
C714	**ECEA50V47V**	47μF, 50WV, Electrolytic	1		
C715	**ECEA35V470V**	470μF, 35WV, Electrolytic	1		
C1001	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1		
C1002	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1		
C1003	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1		
C1004	ECQM05273KZ	0.027μF, 50WV, ±10%, Polyester	1		
C1005	ECQM05472KZ	0.0047μF, 50WV, ±10%, Polyester	1		
C1006	ECQM05472KZ	0.0047μF, 50WV, ±10%, Polyester	1		
C1007	**ECEA50V1V**	1μF, 50WV, Electrolytic	1		

VARIABLE CAPACITOR

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
CV1, 2, 3, 4, 5 (CT1, 2, 3, 4, 5)	ECV5MD34X67G	Tuning Gang, FM & AM (with Trimmer)	1		

COMPONENT COMBINATIONS

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
Z701, 702	RXAF103P22HD	0.01μF (X2), Hum Cancel	2		

LAMPS

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
PL1	XAMP38S150A	Lamp, Stereo Indicator (6.3V 40mA)	1		
PL2, 3, 4	XAMR54T	Lamp, Dial & Meter (12.6V, 0.38A)	3		

FUSES

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
F601, 602	XBA2C40SS0	4A Fuse, Speaker Cricuit Protection	2		
F701 [X, XG, XGH, XSD, XSW, XE]	XBA2C63TR0	6.3A. T Fuse, Except Set for [XAL]	1		
F702	XBA2C20TR0	2A. T Fuse, Power Source	1		
F703	XBA2C10TR0	1A. T Fuse, Power Source	1		
F704	XBA2C31TR0	3.15A. T Fuse, Power Source	1		

SWITCHES

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
S1001	SSR33	Selector Switch	1		
S1002 ~ S1007	SSH619S	Push Switches (Tape 1, 2, Mode, High-Blend, Muting & Loudness)	1		○
S1008, 1009	SSH221S	Push Switches (High & Low Filters)	1		○
S1010 [XAL]	ESB7083	Power Switch, Set for Australia [XAL]	1		○
S1010 [X, XG, XGH, XSD, XSW, XE]	ESB7075	Power Switch, Except Set for [XAL]	1		
S1011, 1012	SSH223S	Speaker Switch, Main & Remote	1		○

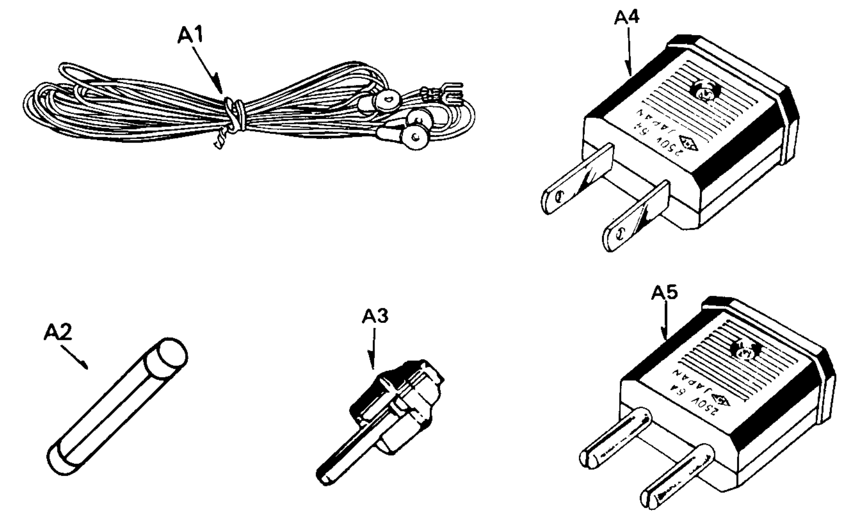
Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
S1013 [X, XG, XGH, XSD, XSW, XE]	SSR53S	Voltage Selector Switch, Except Set for Australia [XAL]	1		
		RELAY			
RLY601	SSY13	Relay, Speakers Protection	1		
		METERS			
	SSM77	Meter, Signal	1		
	SSM79	Meter, Tuning	1		
		CABINET and CHASSIS PARTS			
1	XTS3+8CFZ	Screw, Front Panel M'tg	2		
2	SGW7370	Panel, Front	1		○
3	SBN583	Knob, Tone, Volume, Balance, Selector	5		○
4	SBN585-2	Knob, Tuning	1		○
5	XTB3+8BFZ	Screw, Chassis M'tg	23		
6	SHP641	Spacer, Front Panel	2		
7	SBC147	Button, Power Push Switch	1		
8	SGX6455	Sleeve, Push Switch Buttons	5½		○
9	SGU13	Glass Plate, Front Panel	1		○
10	SBC149	Button, Push Switches	10		
11	SHG1339	Rubber Bushing, Push Switch Buttons	10		○
12	XCJ6N11B-A	Jack, Headphones	1		
13	XNS8	Nut, Tone, Balance & Volume Control	4		
14	XWV8	Spring Washer, Tone, Balance & Volume	4		
15	XTV3+8C	Screw, Chassis M'tg	11		
16	XNS7	Nut, Selector Switch M'tg	1		
17	XNS9	Nut, Tuning Contorl M'tg	1		
18	XWV7	Spring Washer, Selector Switch	1		
19	XWV9	Spring Washer, Tuning Contorl	1		
20	SDT8007-1	Shaft, Tuning Control Ass'y	1		○
	SDX751S	Flywheel, Tuning	1		
	XXAS3K5S	Screw, Flywheel M'tg	2		
21	SXE727	Shaft, Dial Cord Ass'y	1		○
22	RDR20	Pulley, Dial Cord	4		
23	RNW150-2	Washer, Pulley Lock	4		
24	SUM7	Bracket, Dial Scale	1		○
25	SGL51	Orange Filter, Stereo Indicator	1		
26	SDH351	Plate, Dial Light	1		○
27	RHG109	Rubber Cushion, Meter	2		
28	SMMA10-2	Bracket, Meter	1		
29	XTV3+6C	Screw, Meter Bracket M'tg	1		
30	SHRA916-1	Lock Pin, Dial Scale	2		
31	SKD2570	Scale, Dial	1		○
32	SDZ6-1	Cord, Dial, 91¼" (230cm)	1 roll		
33	SDPA8	Pointer, Dial	1		
34	SHPA4	Paper, Pointer Slide	1		
35	SMP245	Reflection Board, Dial Light	1		○
36	SJF109-2	Holder, Dial Light	3		
	XRP3X5	Rivet, Dial Light Holder M'tg	3		
37	SHRA2	Spacer, FM/AM Tuner P.C.B.	1		
38	SHRA307	Clamp, Lead Wire	4		
39	SDD47-1	Drum, Dial Cord	1		
40	SDSA4121	Spring, Dial Cord	1		
41	XWC3B	Toothed Ring, P.C.B. M'tg	3		
42	SMA209	Bracket, AM Antenna Coil	1		○

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
	RHG109	Rubber Cushion, AM Antenna Coil	2		
43	SXE715	Shaft, Dial Cord Ass'y	1		○
44	SXE713	Shaft, Dial Cord Ass'y	1		○
45	SHGA204	Rubber Bracket, Stereo Indicator	1		
46	SKU5750	Bottom Board	1		○
47	SKL145	Foot, Set (with Lock Pin)	4		
48	SJF3015	Terminal, Input & Tape Deck	1		○
	SJS6501	Socket, Tape Deck Connector (DIN)	1		
49 [XE, XAL]	SHR131	Bushing, AC Cord, Set for [XE] & [XAL]	1		
49 [X, XG, XGH, XSD, XSW]	SHR127	Bushing, AC Cord, Set for [X], [XG], [XGH], [XSW] & [XSD]	1		
50 [XAL]	SGP330-3J	Rear Panel, Set for [XAL]	1		○
50 [XE]	SGP330-3GE	Rear Panel, Set for [XE] (with Name plate SGT12493)	1		○
50 [X, XG, XGH]	SGP330-2GX	Rear Panel, Set for [X], [XG] & [XGH] (with Name Plate SGT12490)	1		○
50 [XSD, XSW]	SGP330-2GD	Rear Panel, Set for [XSD] & [XSW] (with Name Plate SGT12491)	1		○
51 [XAL]	SJA79	AC Cord, Set for [XAL]	1		
51 [XE]	SJA73	AC Cord, Set for [XE] (Nothing AC Plug)	1		
51 [X, XG]	SJA97	AC Cord, Set for [X] & [XG]	1		
51 [XGH, XSD]	SJA81	AC Cord, Set for [XGH] & [XSD]	1		
51 [XSW]	**SJA68**	AC Cord, Set for [XSW]	1		
52	SUE3	Cover, Hole	1		
53	SJF205	Holder, Circuit Protection Fuse	1		
54	SJFA5202-1	Cover, Fuse Holder	1		
55	XSN26+12	Screw, Fuse Cover M'tg	1		
56	SHR401-1	Lock Pin, Terminal M'tg	12		
57	SJF4803-1	Terminal, Speakers	1		
58	SJFA4402	Terminal, Antenna	1		
59	XTB4+12FFZ	Screw, Cabinet M'tg	4		
60	XWG5FZ	Washer, Cabinet Screw	4		
61 [XE]	SKA8590	Cabinet, Brown Wood, Set for [XE]	1		
61 [X, XAL]	SKA8510	Cabinet, Brown Wood, Set for [X] & [XAL]	1		○
61 [XG, XGH, XSD, XSW]	SKA8511	Cabinet, Black Wood, Set for [XG], [XGH], [XSD] & [XSW]	1		○
62	SQXA4112	Caution Lable, Cabinet Screw	1		
64	XTW3+8EFZ	Screw, Rear Panel M'tg	1		
		ACCESSORIES			
A1	SSA251	Cord, 75Ω FM Antenna	1		
A2	XBA2C40SS0	4A Fuse, Speaker Circuit Protection	2		
A3	RJP5	Pin Plug	4		
A4 [X]	SJP5213	AC Plug, Only Set for [X]	1		
A5 [X]	SJP5215	AC Plug, Only Set for [X]	1		
		PACKING PARTS			
P1	SPP487	Soft Cover	1		○
P2	SPP465	Polyethylene Bag	1		
P3	SPS381-1	Pad, Left Side	1		○
P4	SPS383-1	Pad, Right Side	1		○
P5 [XE]	SPS497	Pad, Corner, Set for [XE]	4		○
P5 [X, XAL]	SPS529	Pad, Corner, Set for [X] & [XAL]	4		○
P5 [XG, XGH, XSD, XSW]	SPS533	Pad, Corner, Set for [XG], [XGH], [XSD] & [XSW]	4		○
P6 [X, XAL]	SPS477	Pad, Bottom, Set for [X] & [XAL]	1		○

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
P6 [XG, XGH, XSD, XSW]	SPS531	Pad, Bottom, Set for [XG], [XGH] [XSD] & [XSW] (Except Set for [XE])	1		○
P7 [X, XAL]	SPN5169	Carton Box, Inner, Set for [X] & [XAL]	1		○
P8 [X, XAL]	SPG723	Carton Box, Outer, Set for [X] & [XAL]	1		○
P8 [XE]	SPG769	Carton Box, Outer, Set for [X] & [XE]	1		○
P8 [XG, XGH, XSD, XSW]	SPG727	Carton Box, Set for [XG], [XGH], [XSD] & [XSW]	1		○
P9 [XAL]	SQF1319	Printed Matter, Only Set for [XAL]	1		○
P9 [XE]	SQF1349	Printed Matter, Only Set for [XE]	1		○
P9 [X, XG, XGH, XSD, XSW]	SQF1279	Printed Matter, Set for [X], [XG], [XGH], [XSD] & [XSW]	1		○

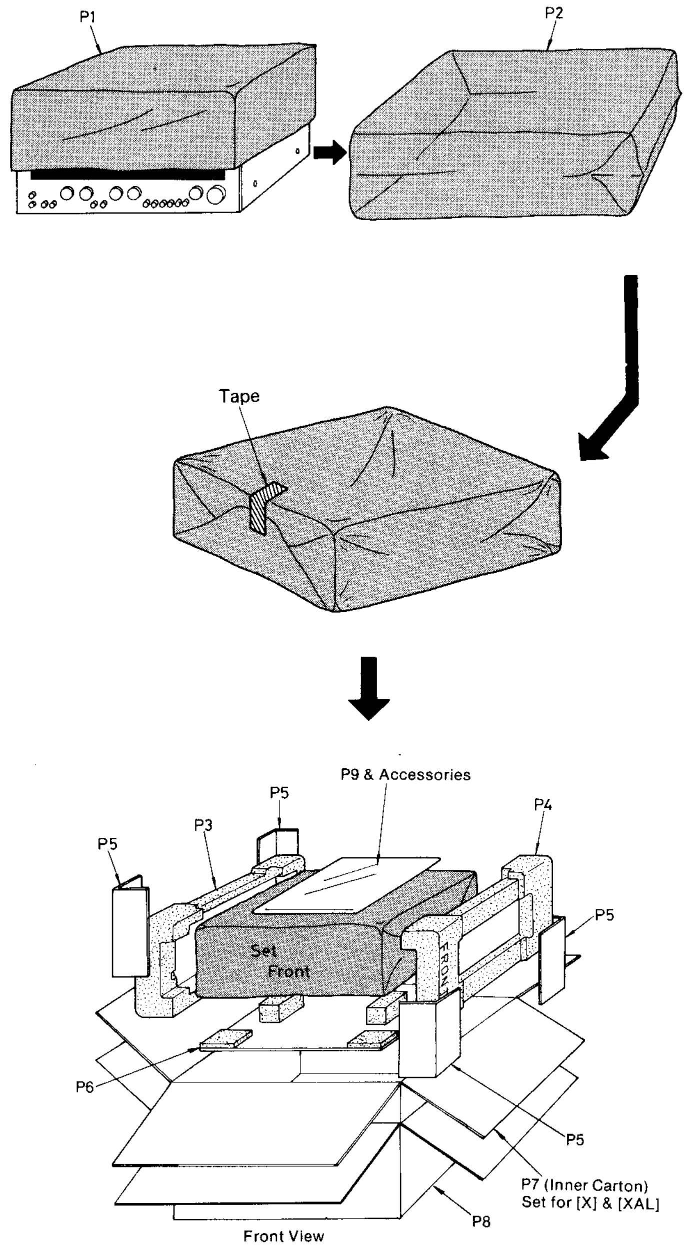
Notes:
Set for [X] are European, Asia, Latin America, Oceania, Middle East and Africa.
Set for [XG] are European
Set for [XGH] is Holland.
Set for [XSD] are Denmark, Sweden, Norway and Finland.
Set for [XSW] is Swiss
Set for [XAL] is Australia.
Set for [XE] is England.

■ ACCESSORIES



A4 & A5 . . . . . Set for (X)

■ PACKINGS



ORDER NO. SD7712- PT020

Parts Change Notice

FM/AM STEREO RECEIVER

SA-5560 (X),(XG),(XGH),(XSD),(XSW),(XGF),(XE),(XAL),(ES),(FE),(XM)
SA-5560A (FEE)

Re : Modification of Replacement Part

This is to advise you that part numbers of replacement parts have been changed on the following stereo models.

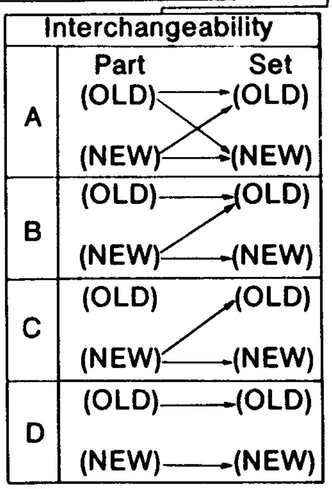
New part numbers (listed here in) are different from the replacement parts list of the stereo service manual.

Please revise the replacement parts list of the service manual or price list, and use new part numbers when placing replacement part orders.

Explanation of Notes : 5 7 A 1 B

Year	
5	1975
6	1976
7	1977
8	1978
•	•
•	•
•	•

Month	
1	JAN.
2	FEB.
3	MAR.
4	APR.
5	MAY.
6	JUN.
7	JUL.
8	AUG.
9	SEP.
J	OCT.
K	NOV.
L	DEC.



Reason of Change	
1	To improve performance
2	Change of material or dimension
3	To meet approved specification
4	Standardization of parts
5	Addition of part
6	Deletion of part
7	Correction
8	Other

New Suffix of set

Notes :

How to use the interchangeability chart

- The arrows indicate which sets the part can be used in.
- For parts classified A, both the old and the new parts can be used in both the old and the new sets.
- For parts classified B, old parts cannot be used in new sets.
- For parts classified A and B, gradually new parts only should be stocked.
- For parts classified C, the use of old parts should be discontinued, for reasons of performance, etc.
- For parts classified D, both new parts and old parts should be stocked because old and new are not interchangeable.

Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288. Central Osaka Japan
Printed in Japan
7712-6800 Ⓚ

SA-5560(X),(XG),(XGH),(XSD),(XSW),(XGF),
(XE),(XAL),(ES),(A-FEE),(FE),(XM)

Stereo Department

Additional changes: see ↴

Refer to cover page

Line	Description	Ref. No.	Service Manual	Notes →	Change – 1,(3)		Notes →	Change – 2,(4)		Line/Page	Line
			Part No.		Part No.	Price		Part No.	Price		
1	Resistors	R203,204	ERD18ZJ331B	6KC1	ERD25TJ102						1
2	Resistors	R209,210	ER050CK1743	72C3	ER025CKF1743						2
3	Resistors	R213,214	ER050CK1502	72C8	ER025CKF1502						3
4	Resistors	R623,624	ERD25TJ152	67C3	ERD14FJ152						4
5	Capacitor (A-FEE Only)	C2	ECCD1H0101CC	67C7	ECCD1H010CC						5
6	Meter (XG,XGH,XSD,XSW)	-------	SSM77	75C2	SSM111						6
7	Meter (XG,XGH,XSD,XSW)	-------	SSM79								7
8	Knob (XE,XG,XGH,XSD,XSW)	4	SBN585-2	68C2	SBN653S						8
9	Carton (XGF Only)	P8	Addition	76C5	SPG1255						9
10											10
11											11
12											12
13											13
14											14
15											15
16											16
17											17
18											18
19											19
20											20
21											21
22											22
23											23
24											24
25											25

For Original replacement parts list, refer to MODEL SA-5560 service manual (Order No. SD7607-1100
SD7608-1130)

ORDER NO. SD7712- PT020

Parts Change Notice

FM/AM STEREO RECEIVER

SA-5560 (X),(XG),(XGH),(XSD),(XSW), (XGF),(XE),(XAL),(ES),(FE),(XM)

SA-5560A (FEE)

Re : Modification of Replacement Part

This is to advise you that part numbers of replacement parts have been changed on the following stereo models.

New part numbers (listed here in) are different from the replacement parts list of the stereo service manual.

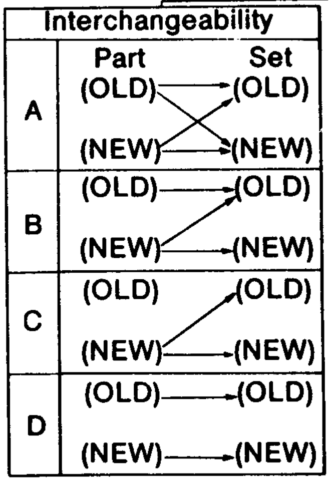
Please revise the replacement parts list of the service manual or price list, and use new part numbers when placing replacement part orders.

Explanation of Notes : 5 7 A 1 B

Year	
5	1975
6	1976
7	1977
8	1978
•	•
•	•
•	•

Month	
1	JAN.
2	FEB.
3	MAR.
4	APR.
5	MAY.
6	JUN.
7	JUL.
8	AUG.
9	SEP.
J	OCT.
K	NOV.
L	DEC.

Interchangeability



Reason of Change	
1	To improve performance
2	Change of material or dimension
3	To meet approved specification
4	Standardization of parts
5	Addition of part
6	Deletion of part
7	Correction
8	Other

New Suffix of set

Notes :

How to use the interchangeability chart

- The arrows indicate which sets the part can be used in.
- For parts classified A, both the old and the new parts can be used in both the old and the new sets.
- For parts classified B, old parts cannot be used in new sets.
- For parts classified A and B, gradually new parts only should be stocked.
- For parts classified C, the use of old parts should be discontinued, for reasons of performance, etc.
- For parts classified D, both new parts and old parts should be stocked because old and new are not interchangeable.

Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288. Central Osaka Japan
Printed in Japan
7712-6800 Ⓚ

SA-5560(X),(XG),(XGH),(XSD),(XSW),(XGF),
(XE),(XAL),(ES),(A-FEE),(FE),(XM)

Stereo Department

Additional changes: see ↴

Refer to cover page

Line ↓	Description	Ref. No.	Service Manual	Notes →	Change – 1,(3)		Notes →	Change – 2,(4)		Line/Page	Line ↓
			Part No.		Part No.	Price		Part No.	Price		
1	Resistors	R203,204	ERD18ZJ331B	6KC1	ERD25TJ102						1
2	Resistors	R209,210	ER050CK1743	72C3	ER025CKF1743						2
3	Resistors	R213,214	ER050CK1502	72C8	ER025CKF1502						3
4	Resistors	R623,624	ERD25TJ152	67C3	ERD14FJ152						4
5	Capacitor (A-FEE Only)	C2	ECCD1H0101CC	67C7	ECCD1H010CC						5
6	Meter (XG,XGH,XSD,XSW)	-------	SSM77	75C2	SSM111						6
7	Meter (XG,XGH,XSD,XSW)	-------	SSM79								7
8	Knob (XE,XG,XGH,XSD,XSW)	4	SBN585-2	68C2	SBN653S						8
9	Carton (XGF Only)	P8	Addition	76C5	SPG1255						9
10											10
11											11
12											12
13											13
14											14
15											15
16											16
17											17
18											18
19											19
20											20
21											21
22											22
23											23
24											24
25											25

For Original replacement parts list, refer to MODEL SA-5560 service manual (Order No. SD7607-1100
SD7608-1130)